

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

ESTABLISHED 1802.

FACTORY OF SEED AND PLANT IMPORTATION.

J. M. THORBURN & CO.

1899




BULBS

AND **FLOWERING ROOTS**
FOR **FALL PLANTING**

36 Cortlandt Street, NEW YORK.

THORBURN'S SPECIAL COLLECTIONS OF CHOICE BULBS

 THESE ASSORTMENTS ARE MADE UP OF THE FINEST STANDARD SORTS,
AND MAY BE RELIED UPON TO GIVE SATISFACTION.

No. 1. COLLECTION OF CHOICE BULBS FOR HOUSE CULTURE

Price, \$2.50.

12 White Roman Hyacinths,	6 Trumpet Narcissus Princeps,
6 Fine Named Dutch Hyacinths,	6 Double Narcissus Van Sion,
6 Fine Mixed Dutch Hyacinths,	6 Poet's Narcissus,
12 Fine Mixed Single Tulips,	12 Mixed Spanish Iris,
12 Fine Mixed Double Tulips,	6 Campernelle Jonquils,
30 Mixed Crocus,	6 Scilla Sibirica,
6 Polyanthus Narcissus,	6 Freesia refracta.

No. 2. COLLECTION OF CHOICE BULBS FOR HOUSE CULTURE

Price, \$4.75.

Consists of the same varieties as Collection **No. 1**, but with double the number of each sort

No. 3. COLLECTION OF CHOICE BULBS FOR HOUSE CULTURE

Price, \$9.

Consists of the same varieties as Collection **No. 1**, but with four times the number of each sort.

No. 4. COLLECTION OF HARDY BULBS FOR OUTDOOR CULTURE

Price, \$2.

6 Mixed Double Red Hyacinths,	1 Crown Imperial,
6 Mixed Single Blue Hyacinths,	12 Spanish Iris,
6 Mixed Single White Hyacinths,	6 Double White Narcissus,
24 Mixed Early Tulips,	6 Butter and Eggs Narcissus,
50 Mixed Crocus,	6 Scilla campanulata,
12 Mixed Double Anemones,	3 Bulbocodium vernum.

No. 5. COLLECTION OF HARDY BULBS FOR OUTDOOR CULTURE

Price, \$3.75.

Consists of the same varieties as Collection **No. 4**, but with double the number of each sort.

No. 6. COLLECTION OF HARDY BULBS FOR OUTDOOR CULTURE

Price, \$7.

Consists of the same varieties as Collection **No. 4**, but with four times the number of each sort.

J. M. Thorburn & Co.

CATALOGUE OF

BULBS AND FLOWERING ROOTS FOR FALL PLANTING

AUGUST 21, 1899.

THE growing of bulbs for winter and spring-flowering is very interesting and very easy. If the directions given in this Catalogue are observed, there need be no disappointment with the results. Many of our most beautiful flowers are produced from bulbs, and they may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of flowers may be had from December till May. The finest outdoor displays of the early spring months are also from bulbs planted in the autumn. There is nothing more refreshing than the first Snowdrop of spring. It appears before the snow is right off the ground, and is quickly followed by the *Chionodoxa*, or "Glory-of-the-Snow," the bright and variously colored *Crocuses* and *Scillas* and the lovely *Daffodils*. Then come the gorgeous lawn displays of *Hya-cinths* and *Tulips*. All these are produced from bulbs planted in the fall.

We invite special attention to the collections of bulbs offered on the second page of cover, both for indoor and outdoor cultivation. They contain only sorts that will insure satisfaction. The cultural directions found under the respective headings are also worthy of careful attention.

Our Bulbs are all selected, and from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation and often sold at auction, and otherwise, at very low prices.

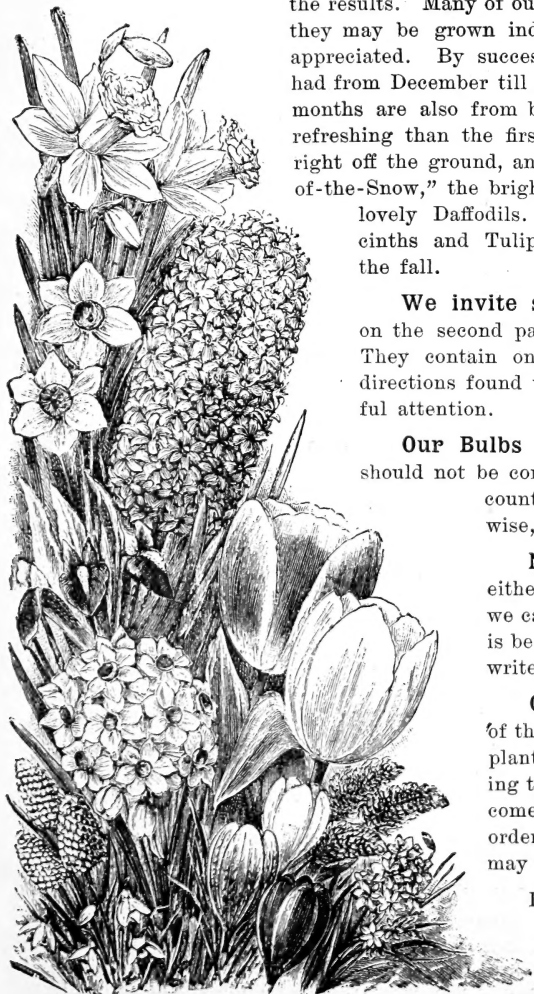
NAME and ADDRESS. We often receive orders with either the name or the address of the sender omitted. As we can do nothing with them, the customer thinks his order is being neglected. We therefore beg our correspondents to write on each order their name and full address.

ORDERS should be sent as soon as possible after receipt of this Catalogue. The bulbs will be sent in proper time for planting. They are ready from August to October, according to the time of ripening and the country from which they come. Orders booked earliest are surest of being filled as ordered. If left too late, the supply of some of the varieties may be exhausted.

Please address all orders and remittances to

J. M. THORBURN & CO.

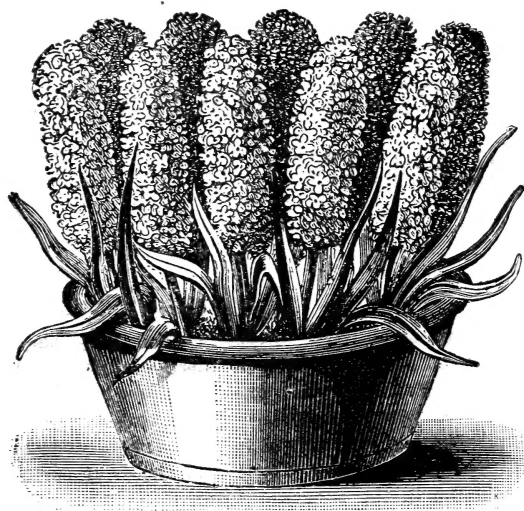
36 CORTLANDT STREET, NEW YORK.



HYACINTHS.

Hyacinths are ready for delivery in September.

The **Hyacinth** is one of the most popular and beautiful of spring-flowering plants for indoor and outdoor decorations. By careful management in keeping up a succession, they may be had in flower



Group of Hyacinths.

from the beginning of winter to the end of May. For a spring display in the open ground they are unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to anyone suitable sorts, when desired.

CULTURE IN POTS. For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibry loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulbs should remain above the soil. The pots should then be buried in the open ground to the depth of six inches, and left there for five or six weeks, until the pots are well filled with roots. They may then be taken into the house, where the warmth will soon bring them into flower. Where a succession is desired, it is best to pot at intervals from September till the end of November. Plenty of water should be always applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES. Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rain-water should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gas light. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Persons unacquainted with the different varieties will do well to leave the selection to us, only specifying in their orders whether the bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortments of named Hyacinths of our selection offered on page 4, and to the Hyacinth Glasses which are described at the end of the Catalogue.

The names of our Hyacinths and Tulips are those given to them by the originators in Holland.

SELECT NAMED HYACINTHS.

The Single-flowered varieties are generally more effective than the Double ones. They also, as a rule, succeed better in glasses. The Double varieties are distinguished by an asterisk (*), and those of them that do well in water by two asterisks (**).

The sorts printed in **boldface type** are most largely used for bedding.

If ordered by mail, please add 15 cents per dozen for postage.

NAMED BLUE HYACINTHS.

Three of a kind sold at the dozen rate.

	Each	Per doz.
** A la Mode. Light blue.....	\$0 12	\$1 25
Argus. Bright blue, white eye.....	12	1 25
Baron van Thuyll. China-blue... 12	1 25	
Bleu Mourant. Dark; compact..... 12	1 25	
** Blocksberg. Porcelain, striped..... 12	1 25	
Blondin. Tinged with purple..... 12	1 25	
* Bride of Lammermoor. Dark blue..... 20	2 00	
Captain Boyton. Light blue..... 20	2 00	
Charles Dickens. Dark porcelain.. 12	1 25	
Czar Peter. Splendid light blue..... 20	2 00	
* Delicata. Light blue; very fine..... 25	2 50	
* Garrick. Deep lilac-blue..... 15	1 50	
** General Anthink. Light blue..... 12	1 25	
General Pellissier. Porcelain..... 12	1 25	
Grand Lilas. Porcelain-lilac..... 20	2 00	
Grand Maitre. Large truss; deep porcelain-blue; extra fine..... 12	1 25	
King of the Blues. Dark blue... 12	1 25	
La Peyrouse. Light porcelain..... 12	1 25	
* Laurens Koster. Violet-blue..... 30	3 00	

	Each	Per doz.
Léonidas. Clear blue.....	\$0 12	\$1 25
Lord Derby. Light porcelain..... 25	2 50	
* Lord Wellington. Dark stripes..... 15	1 50	
* Louis Philippe. Dark blue..... 25	2 50	
Marie. Bright blue..... 12	1 25	
Masterpiece. Purplish black; fine..... 30	3 00	
** Mignon de Dryfhout. Light porcelain, shaded blue..... 12	1 25	
* Murillo. Light blue..... 15	1 50	
** Othello. Violet-black..... 15	1 50	
Pieneman. Dark porcelain..... 12	1 25	
Prince of Wales. Dark blue, white eye.. 20	2 00	
Queen of the Blues. Light; extra..... 20	2 00	
Regulus. Large; porcelain-blue..... 12	1 25	
* Rembrandt. Light blue..... 15	1 50	
* Robert Burns. Dark, striped..... 20	2 00	
* Van Speyk. Lilac; large bells..... 25	2 50	
William I. Fine purplish black..... 12	1 25	
William III. Dark blue..... 25	2 50	

NAMED PURE AND BLUSH WHITE HYACINTHS.

	Each	Per doz.
Alba Maxima. Pure white.....	\$0 30	\$3 00
Alba Superbissima. Pure white. 15	1 50	
Albertine. Pure white..... 15	1 50	
Anna. Waxy white; extra..... 40	4 00	
* Anna Maria. Blush, purple eye..... 15	1 50	
Baroness van Thuyll. Pure white; large truss; very early..... 15	1 50	
Blanchard. Pure white..... 20	2 00	
* Bouquet Royal. Pure white..... 12	1 25	
Elfride. Blush white; large bells..... 15	1 50	
* Flevo. Pure white..... 15	1 50	
Grand Vedette. Pure white..... 15	1 50	
Grandeur à Merveille. Blush white; large truss..... 12	1 25	
* Jenny Lind. White, purple eye..... 15	1 50	
La Belle Blanchisseuse. Pure..... 15	1 50	
La Grandesse. Pure white; extra..... 40	4 00	
* La Deesse. White, yellow eye..... 15	1 50	
La Franchise. Fine waxy white... 12	1 25	
La Neige. Pure white..... 40	4 00	
La Pucelle d'Orleans. Pure white..... 15	1 50	
** La Tour d'Auvergne. Pure white..... 15	1 50	
** La Virginite. Blush white..... 12	1 25	
Leviathan. Blush white..... 30	3 00	
L'Innocence. Pure white; large truss... 25	2 50	
Lord Gray. Blush white; good spike... 30	3 00	
* Madame de Staël. Blush white..... 30	3 00	
Madame Vanderhoop. Pure.. 15	1 50	
Mammoth. Pure white; large bells..... 12	1 25	
Mina. Pure white; large..... 30	3 00	
Miss Nightingale. Splendid pure white.. 50	5 00	
Mont Blanc. Pure white; splendid..... 25	2 50	
Paix de l'Europe. Pure white... 15	1 50	
** Prince of Waterloo. Pure white..... 15	1 50	

	Each	Per doz.
* Princess Alice. Pure white.....	\$0 25	\$2 50
Rousseau. Rosy eye..... 12	1 25	
Snowball. Large; pure white..... 30	3 00	
Vesta. Pure white..... 12	1 25	
Voltaire. Blush white..... 12	1 25	



Single Hyacinths.

NAMED RED, CRIMSON AND PINK HYACINTHS.



Double Hyacinths.

	Each	Per doz.
Amy. Bright, dark red.....	\$0 12	\$1 25
Baron Rothschild. Red.....	15	1 50
Bouquet Royal. Rose, red center	12	1 25
**Bouquet Tendre. Crimson.....	12	1 25
Charles Dickens. Fine pink; early	15	1 50

	Each	Per doz.
Cosmos. Dark rose.....	\$0 12	\$1 25
**Czar Nicholas. Pale rose; large ..	12	1 25
*Empress of India. Fine dark red	20	2 00
Fabiola. Pink, carmine stripe.....	12	1 25
**Frederick the Great. Rose color.....	30	3 00
Caribaldi. Brilliant carmine; fine.....	30	3 00
General Pelissier. Carmine.....	12	1 25
Gertrude. Fine spike; bright pink...	12	1 25
Gigantea. Bright rose.....	12	1 25
Grand Vainqueur. Rose; large truss ...	15	1 50
**Grootvorst. Peach blossom.....	12	1 25
Kohinoor, Single. Splendid dark rose...	30	3 00
*Kohinoor, Double. Bright rose	30	3 00
La Reine des Jacinthes.		
Bright crimson; fine truss	12	1 25
Linnæus. Fine crimson.....	25	2 50
Lord Macaulay. Carmine stripes.....	15	1 50
**Lord Wellington. Extra large.....	20	2 00
Monsieur Hoboken. Soft carmine; extra.	15	1 50
Moreno. Waxy pink.....	30	3 00
Norma. Delicate waxy pink	12	1 25
**Noble par Merite. Fine red.....	12	1 25
**Prince of Orange. Semi-double.....	12	1 25
*Princess Louise. Dark red.....	25	2 50
**Regina Victoria. Fine red	15	1 50
Robert Steiger. Fine crimson.....	12	1 25
Rosea Maxima. Delicate rose.....	25	2 50
Sarah Bernhardt. Fine rose	15	1 50
Solfatara. Fine orange-red	12	1 25
Sultan Favorite. Bright salmon..	12	1 25
**Susanna Maria. Red; large	25	2 50
Von Schiller. Large; dark truss	15	1 50

NAMED LILAC AND MAUVE HYACINTHS.

	Each
Charles Dickens. Violet-purple.....	\$0 25
Haydn. Lilac-mauve.....	20
Jeschko. Fine spike; dark lilac.....	20
Lord Mayo. Dark mauve, white eye	25
L'Unique. Dark violet	15

	Each
President Lincoln. Violet, with white eye; a beautiful Hyacinth	\$0 25
Sir Edwin Landseer. Rich claret.....	25
Sir William Mansfield. Fine mauve.....	25
Thackeray. Violet-purple.....	20

NAMED YELLOW AND ORANGE HYACINTHS.

	Each	Per doz.
Adonia. Orange-yellow.....	\$0 15	\$1 50
Bird of Paradise. Dark yellow.....	30	3 00
*Bouquet Orange. Reddish orange	15	1 50
*Cræsus. Orange.....	20	2 00
Duc de Malakoff. Salmon, striped.....	12	1 25
Fleur d'Or. Pale yellow.....	12	1 25
**Goethe. Bright yellow.....	15	1 50
Hermann. Orange-yellow.....	15	1 50
Heroine. Yellow, tipped green.....	15	1 50
Ida. Pure yellow.....	25	2 50
**Jaune Supreme. Deep yellow.....	25	2 50

	Each	Per doz.
Golden Sceptre. Pure yellow	\$0 15	\$1 50
King of the Yellows. Extra deep yellow..	25	2 50
La Citroniere. Bright citron	20	2 00
La Pluie d'Or. Yellow.....	12	1 25
*Minerva. Orange; new	12	1 25
Obelisque. Large truss.....	35	3 50
Rhinoceros. Pale orange.....	20	2 00
Sonora. Fine nankeen-yellow; large and handsome spike	20	2 00
*Sunflower. Buff-yellow.....	15	1 50
*William III. Apricot-yellow	15	1 50

COLLECTIONS OF HYACINTHS, OUR SELECTION.

No. 1.	12 Named Hyacinths, for house-culture in pots or glasses.....	\$1 25
No. 2.	12 Fine Named Hyacinths, for house-culture in pots or glasses	2 00
No. 3.	12 Extra-fine Hyacinths, for house-culture in pots or glasses.....	3 00
No. 4.	50 Fine Named Double and Single Hyacinths, in 12 varieties.....	4 50
No. 5	100 Fine Named Double and Single Hyacinths, in 25 varieties.....	8 00

MIXED HYACINTHS IN SEPARATE COLORS.

Suitable either for Forcing or Bedding.

Our Mixed Hyacinths should not be confounded with the small-size, low-priced mixtures often sold. Our bulbs are all large size, measuring 6 inches and over in circumference. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

If ordered by mail, add 15 cents per dozen for postage.

Three of a color at dozen rates, 25 of a color at 100 rates.

	Per doz.	Per 100		Per doz.	Per 100
Single Dark Blue	\$0 75	\$5 00	Double Dark Blue	\$0 85	\$5 50
" Light Blue	75	5 00	" Light Blue	85	5 50
" Blue. All shades.....	75	5 00	" Blue. All shades.....	85	5 50
" Dark Red	75	5 00	" Dark Red	85	5 50
" Red and Rose. All shades.....	75	5 00	" Red and Rose. All shades.....	85	5 50
" Red. All shades.....	75	5 00	" Red. All shades.....	85	5 50
" Pure White	75	5 00	" Pure White	85	5 50
" Blush White	75	5 00	" Blush White	85	5 50
" White. All shades.....	75	5 00	" White. All shades.....	85	5 50
" Yellow. All shades.....	75	5 00	" Yellow. All shades.....	1 00	6 00
" ALL COLORS MIXED	75	5 00	" ALL COLORS MIXED	85	5 50

ROMAN HYACINTHS.

Extensively used by florists for forcing for cut-flowers. For this purpose they are the best and most popular of bulbs. The flowers are pure white, delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early; and by making successive plantings they may be had in flower all through the winter. The blue and rose Roman Hyacinths flower from one to two weeks later than the white variety.

If by mail, add 10 cents per dozen for postage.

	Each	Per doz.	Per 100
Pure White Roman. Extra-elected,			
largest.....per \$1,000, \$25..	\$0 06	\$0 50	\$3 00
Pure White. Second size..1,000, \$20..	05	45	2 50
Double Rose-Pink Roman	05	50	2 50
Double Dark Rose Roman	05	50	2 50
Single Blue Roman	05	50	2 50
Double White Pearl	15	1 50	10 00

ITALIAN HYACINTHS.

These are, like the Roman Hyacinths, also grown largely by florists for cutting. The flowers are single, very graceful and fragrant, and produced abundantly. They are harder than the Romans, and may be planted outside in the fall for flowers for early spring cutting.

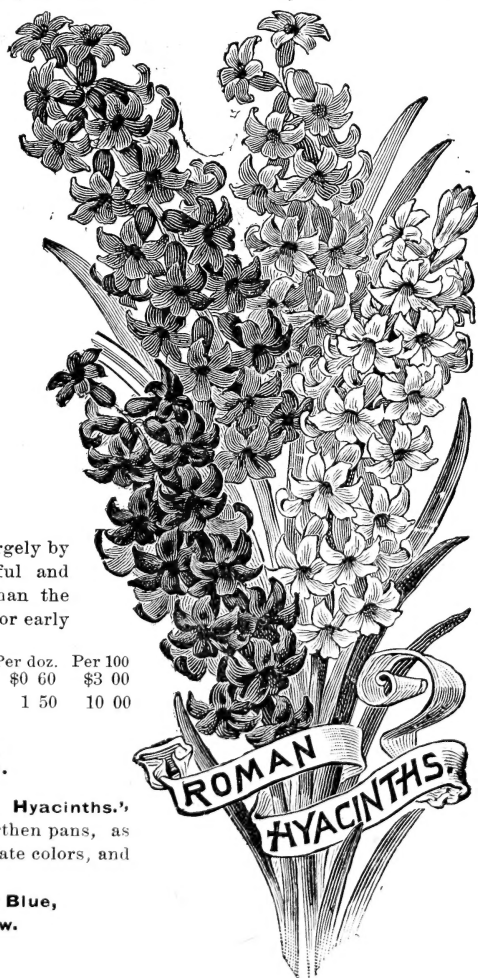
	Each	Per doz.	Per 100
Single White Italian	\$0 08	\$0 60	\$3 00
Single Canary-Yellow Italian	15	1 50	10 00

MINIATURE HYACINTHS.

These are also known as "Dutch Roman" and "Pan Hyacinths." They are very suitable for growing in groups in pots or earthen pans, as shown in the illustration on page 2. We offer them in separate colors, and also mixed, as follows:


Pure White,	Rosy Red	Light Blue,
Cream White,	Dark Blue,	Yellow.
Dark Red,	Mixed, All Colors.	

Price 60 cts. per dozen, \$4 per 100.






TULIPS.

 Tulips are Ready for Delivery in September.

For beauty of form and brilliancy of coloring, Tulips are unequaled. For bedding they are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow, so that purchasers can select suitable sorts for forming display beds in design. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot-culture and forcing for winter cut-flowers, they are also invaluable.

CULTURE. The cultural directions given for Hyacinths on page 2 are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. They may be planted in October and November, before the ground freezes. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. For pot-culture, a compost of two parts loam to one part of light manure, with some sand intermixed, is suitable. From 3 to 5 bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for Hyacinths. Most of the varieties named below are equally well adapted for pot-culture or the open border.

SINGLE EARLY TULIPS.

 Six of a kind at dozen rates, 25 at 100 rates.

If ordered by mail, add 5 cents per dozen or 20 cents per 100 for postage.

	Height, inches	Per doz.	100
Admiration. Fine scarlet.....	8....3 for 10c.	\$0 30	\$1 50
Alida Maria. Cherry red, white striped.....	6....each 8c.	60	4 00
Artus. Bright scarlet; fine bedder.....	6....3 for 10c.	25	1 25
Belle Alliance (Waterloo). Rich crimson; fine forcer or bedder.....	7....3 for 10c.	30	1 50
Belle Lisette. White, violet-feathered, shaded blue.....	6....each 5c.	40	2 50
Bizard Verdict. Brilliant carmine, gold striped.....	6....3 for 10c.	25	1 25
Bride of Haarlem. White, bordered with bright crimson; extra large.....	6....each 10c.	1 00	7 00
Brutus. Orange-crimson, yellow edge; good forcer.....	6....3 for 10c.	25	1 25
Canary Bird. Rich golden yellow; fine cup; fine for forcing.....	8....each 5c.	40	2 50

SINGLE EARLY TULIPS—continued.

	Height, inches		Per doz.	100
Cardinal's Hat. Dark crimson	8....	2 for	5c	\$0 20 \$1 00
Chrysolora. Splendid; pure yellow; good forcer or bedder	8....	each	5c.	35 2 00
Cottage Maid. White, with rose edge; for forcing or bedding	6....	each	5c.	35 2 00
Couleur Cardinal. Brilliant crimson; fine for bedding	8....	each	6c.	50 3 00
Couleur Ponceau. Rose, crimson border, on white ground	8....	3 for	10c.	25 1 25
Crimson King (Roi Cramoisie). Bright crimson; large flowers; fine bedder	7....	3 for	10c.	25 1 25
De Keyser. Extra large; fine scarlet	6....	each	8c.	60 4 00
De Vlieger. Very beautiful rose color	7....	each	6c.	50 3 00
Duc de Berlin. Red and yellow; early; fine	6....	each	5c.	40 2 50
Duchesse de Parma. Red, yellow border; forcer and bedder	9....	3 for	10c.	25 1 25
Duke of Orange. Orange and yellow	6....	3 for	10c.	25 1 25
Dusart. A splendid dark scarlet, unsurpassed for bedding	8....	each	5c.	40 2 50
Fabiola. Large; white, deep violet striped	8....	each	5c.	40 2 50
Golden Prince. Bright yellow; fine for forcing or bedding	7....	each	5c.	35 2 00
Grand Duke of Russia. Beautiful violet, streaked white	6....	each	5c.	35 2 00
Grootmeester van Maltha. Dark crimson, feathered white	8....	each	8c.	60 4 00
Jagt van Delft. Pure white; good cup form	7....	3 for	10c.	25 1 25
Joost van Vondel. Crimson and white; fine forcer or bedder	8....	3 for	10c.	30 1 75
Keizerkroon. Red, golden yellow border; fine forcer or bedder; extra large	9....	3 for	10c.	30 1 50
King of the Yellows. Very deep golden yellow; extra fine	8....	each	8c.	60 4 00
Lac van Rhyn. Dark violet, bordered white; distinct	6....	3 for	10c.	25 1 25
La Matelas. Rose, edged white; splendid; early forcer	8....	each	25c.	2 50
La Reine (Queen Victoria). White, rose border; best white forcer	7....	3 for	10c.	30 1 50
L'Immaculee. Pure white; fine forcer; very early	7....	3 for	10c.	25 1 25
Maes. Dazzling scarlet; very large flower; splendid novelty	6....	each	30c.	3 00
Mon Tresor. Large; pure yellow; extra fine; early forcer	8....	each	6c.	50 3 00
Moucheron. Beautiful deep scarlet; fine, large flower	8....	each	6c.	50 3 00
Netscher. Violet	7....	3 for	10c.	30 1 50
Ophir d'Or. Largest, deep, pure yellow; splendid forcer	6....	each	8c.	60 4 00
Pax Albo. White; extra fine; very dwarf	6....	3 for	10c.	30 1 50
Pottebakker, Yellow. Bright canary, yellow striped	8....	each	5c.	40 2 50
“ White. White self, good form; fine forcer	8....	each	5c.	40 2 50
“ Scarlet. Very effective; bright scarlet	8....	3 for	10c.	30 1 50
Prince of Austria. Splendid; orange-red; very fragrant; extra for forcing	9....	each	6c.	50 3 00
Princess Mary Ann. Rosy white; extra large; fine forcer or bedder	7....	3 for	10c.	30 1 50
Proserpine. Extra; salmon-pink; very fine form; good forcer	8....	each	5c.	40 2 50
Purple Crown. Dark purplish red	6....	3 for	10c.	25 1 25
Queen of the Netherlands. (New.) Large, egg-shaped flower; most beautiful, soft rose; excellent for forcing	7....	each	30c.	3 00
Rembrandt. Superb; bright scarlet; large flower; fine forcer	8....	each	5c.	40 2 50
Roi Pepin. Splendid rose, with white markings	7....	each	15c.	1 50 10 00
Rosa Mundi Huikman. Rose and white	8....	3 for	10c.	30 1 75
Rose Aplat. White, with soft rose edge; beautiful	7....	each	8c.	75 4 50
Rose Gris-de-lin. White and dark rose; fine forcer and bedder	6....	each	5c.	40 2 50
Rose Luisante. Deep rose; beautiful, large flower	6....	each	10c.	1 00 7 00
Rose Tendre. Rose and white; splendid	6....	each	6c.	50 3 00
Scarlet Perfection. Beautiful soft scarlet; immense flower	8....	each	12c.	1 25 8 00
Standard Royal Silver. White, crimson striped	7....	each	5c.	35 2 00
Standard Royal Gold. Crimson-yellow, striped and shaded	7....	each	8c.	60 4 00
Superintendent. Violet and white; dwarf; very pretty	6....	each	30c.	3 00
Thomas Moore. Buff-orange, shaded; distinct; fine bedder	9....	each	5c.	40 2 50
Van Berghem. Large, rosy pink; fine for forcing	7....	each	6c.	50 3 00
Van der Helst. White, dark rose edge; fine forcer	8....	each	5c.	40 2 50
Van Goijen. Rosy white; very beautiful	7....	each	5c.	35 2 00
Vermilion Brilliant. Most brilliant vermilion; fine for pots	7....	each	8c.	60 3 50
Wapen Van Leiden (Arms of Leiden). White, rose shaded	8....	3 for	10c.	25 1 25
Wouverman. Splendid; dark violet	6....	3 for	10c.	30 1 50
White Falcon. White, slightly shaded rose	8....	each	8c.	60 4 00
White Swan. Pure white; true	8....	each	5c.	35 2 00

SINGLE LATE-FLOWERING TULIPS.

These are all tall-growing May-flowering Tulips, with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. The named Bizarres and Bybloems are the sorts grown by florists for show purposes.

		Per doz.	100
Bizarres. Crimson, violet-purple, etc., on yellow ground (25 named varieties.)	each	8c.	\$0 60 \$4 00

SINGLE LATE-FLOWERING TULIPS—continued.

		Per doz.	100
Bybloems.	Purple, violet and maroon, on white ground (25 named varieties)each	8c.	\$0 60 \$4 00
“	Rosy on white (25 named varieties)each	8c.	60 4 00
Breeders.	Assorted; separate colors.....each	8c.	75 5 00
Mixed	Bizarres, Bybloems and Breeders, see under head of “Mixed Tulips,” page 10.		
Bouton d’Or.	The only late pure deep yellow; very beautiful; fine for cutting.....each	5c.	40 2 50
Gesneriana.	Dazzling scarlet, black center; very effective in beds; also fine for cutting.....3 for 10c.		30 1 50
Golden Crown.	Deep yellow edged red; fine for cutting.....3 for 10c.		25 1 25
Golden Eagle or Yellow Gesneriana.	Deep yellow, with narrow orange-red fringe.....each	5c.	35 2 00
Isabella.	Rose and white; very fine.....each	8c.	60 3 50
Picotée (Maiden’s Blush).	Pure white, faintly edged pink. Flowers long, narrowing to the center and reflexing at the top.....each	10c.	90 6 00

DOUBLE TULIPS.

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single sorts. Some of the sorts are quite dwarf.

If ordered by mail, add 6 cents per dozen for postage.

	Height, inches		Per doz.	100
Agnes.	Very brilliant red; early; quite dwarf.....5.....each	5c.	\$0 35	\$2 00
Alba Maxima.	Pure white; early6.....each	5c.	40	2 50
Blanche Hative.	Earliest pure white7.....each	12c.	1 25	8 00
Bleu Celeste (Blue Fag).	Violet-blue; late.....14.....3 for 10c.		30	1 50
Couronne d’Or.	Beautiful orange-yellow; large, handsome flowers.....9.....each	8c.	65	4 50
Duke of York.	Crimson and buff.....8.....3 for 10c.		35	1 75
Gladstone.	Dark rose; very fine; early.....8.....each	5c.	40	2 50
Gloria Solis.	Rich bronze-crimson, with yellow border; early.....8.....3 for 10c.		30	1 50
Helianthus.	Scarlet, with yellow border; early.....6.....each	5c.	35	2 00
Imperator Rubrorum.	Rich crimson-scarlet; fine forcer; early.....8.....each	6c.	50	3 00
Lady Grandison.	Dwarf scarlet; fine for bedding; early.....8.....each	5c.	35	1 75
La Candeur.	Pure white; fine for bedding with <i>Rex Rubrorum</i>6.....3 for 10c.		30	1 50
Le Blason.	Blush white, tinted with rose; fine flower; early.....6.....each	5c.	40	2 50
Mariage de ma Fille.	Pure white, striped with rose; late-flowering.....6.....each	6c.	50	3 00
Murilio.	Beautiful rosy white; fine for forcing; early.....6.....each	6c.	50	3 50
Pæony Gold.	Clear golden yellow; late-flowering.....7.....each	5c.	35	1 75
Pæony Red.	Fine, deep red; late-flowering.....7.....3 for 10c.		30	1 50
Pourpre Blanc Bordé.	Purple, white bordered; late.....8.....3 for 10c.		30	1 50
Princess Alexandra.	Crimson, golden yellow border; early.....6.....each	5c.	40	2 50
Purperkroon.	Deep purple; early.....8.....3 for 10c.		30	1 50
Raphael.	Fine, delicate rose; extra large flower; early.....7.....each	25c.	2 50	
Reine des Roses.	Delicate pink; very beautiful; early.....7.....each	15c.	1 50	
Rex Rubrorum.	Brilliant scarlet; fine for bedding with <i>La Candeur</i>9.....each	5c.	40	2 50
Rosalie (Double Proserpine).	Carmine pink; extra fine; early.....6.....each	5c.	35	2 00
Rose Blanche.	Extra pure white; very fine; early.....6.....3 for 10c.		30	1 50
Rose d’Amour.	New; most beautiful delicate rose; early.....8.....each	40c.	4 00	
Rosenkroon.	Carmine-rose; early.....7.....each	5c.	35	2 00
Rosine.	White, tinged rose; tall; semi-double; early.....9.....each	5c.	35	2 00
Rubra Maxima.	Dark scarlet; splendid flower; early forcer.....6.....each	8c.	60	4 00
Salvator Rosa.	White, flamed deep rose; splendid for forcing; early.....8.....each	8c.	60	4 00
Titian.	Red; yellow bordered; fine bedder; early.....6.....3 for 10c.		30	1 50
Toreador.	Red, with rich orange-yellow border; splendid; early.....7.....each	20c.	2 00	
Tournesol.	Scarlet and yellow; earliest double.....8.....each	5c.	40	2 50
Tournesol Yellow.	Orange shaded; very early.....8.....each	8c.	65	4 50
Yellow Rose.	Pure golden yellow; late-flowering; sweet-scented.....9.....3 for 10c.		30	1 50

SINGLE TULIPS IN SEPARATE COLORS FOR BEDDING.

For design beds we have prepared the following mixtures in separate colors. They are made up of sorts that all grow about the same height and flower at the same time.

	Per doz.	100	1,000		Per doz.	100	1,000
Yellows	\$0 30	\$1 50	\$10 00	Rose Color	\$0 35	\$1 75	\$12 00
Variegated	25	1 25	9 00	Scarlet	25	1 25	9 00
Whites	30	1 50	10 00	Mixed, all colors	20	1 00	8 00

DUC VAN THOL TULIPS.

The Duc Van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the early single Tulips.

If ordered by mail, add 6 cents per dozen for postage.

	Height, inches		Per doz.	100
Red. Bordered with yellow	6	3 for 10c.	\$0 25	\$1 25
Maximus. Red, yellow edge; fine form	6	each 6c.	50	3 00
Rose. Milky white, shading to beautiful rose	6	each 5c.	35	2 00
Scarlet. Dazzling reddish scarlet	per 1,000, \$6.	7	3 for 10c.	30 1 50
Crimson. Bright crimson	7	3 for 10c.	25	1 25
Orange. Very fine	6	each 5c.	35	2 25
Vermilion. Bright vermilion	6	3 for 10c.	30	1 50
Gold Striped. Glossy red, striped with golden yellow	6	3 for 10c.	25	1 25
Violet. White edged; very dwarf	6	3 for 10c.	25	1 25
Yellow. Citron-yellow	6	each 6c.	50	3 00
White. Clear satiny white	6	each 5c.	35	2 25
Double Red and Yellow Bordered	6	2 for 5c.	20	1 00
“ Scarlet. Extra fine forcer	6	3 for 10c.	30	1 50
“ Violet.	6	3 for 10c.	30	1 50

DARWIN TULIPS.

These belong to the class of single late-flowering Tulips (page 8), being in fact modern forms of *Gesneriana*. They grow very tall, with large flowers of fine form. Being borne on very long stems, they are excellent for cutting to put in vases for house decoration. They are all single, self-colored, and surpass all others in brilliancy and variety of coloring. They are also most effective for bedding. Besides the mixture, we offer the following named sorts:

	Each	Per doz.		Each	Per doz.
King of the Reds. Red, fine	\$0 08	\$0 60	Besronia delle Fore. Lilac-violet	\$0 08	\$0 60
Joost van den Vondel. Brown-red	08	60	Tolleno. Red	08	60
Gigli. Brown-purple	08	60	Zeno. Brown-red	08	60
Baron von Brunow. Violet	08	60	Van Speyk. Blue-violet	08	60
Wilhelmina. Brown-red	08	60	Pitzepios. Lilac-rose	08	60
General Boulanger. Dark red	08	60	Soas. Rose and lilac	08	60

PARROT TULIPS.

For outdoor cultivation. The petals of these have feathered edges, and in addition to other colors combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower border. *Very late in flowering.*

If ordered by mail, add 6 cents per dozen for postage.

	Each	Per doz.	100
Café Brown. Brown and yellow striped	\$0 05	\$0 35	\$2 00
Constantinople. Large, blood-colored flowers, tipped with orange	05	35	2 00
Lutea Major. Large, yellow flowers	05	35	2 00
Markgrave of Baden. Bright yellow flowers, striped with scarlet	05	35	2 00
Monstre Rouge Major. Large; dark crimson; very handsome; late	10	1 00	6 00
Monstre Cramoisie Brilliant. Deep crimson flowers, with large black, star-shaped center	06	50	3 00
Perfecta. Yellow, spotted red	05	35	2 00
Mixed, all colors.			
..... 3 for 10cts...		30	1 50



Parrot Tulips.

MISCELLANEOUS AND BOTANICAL TULIPS.

If ordered by mail, add 5 cents per dozen for postage.

Tulipa carinata. Purple-red.....	Each	Per doz.
" celsiana (<i>Australis</i>). Yellow, outside maroon.....	\$0 06	\$0 50
Tulipa Clusiana (The Lady Tulip). Red stripes, black center on white ground.....	08	75
" cornuta (Chinese). Scarlet and yellow.....	15	1 50
" elegans. Crimson; very fine.....	10	1 00
" Florentina odorata. Yellow; violet-scented.....	08	75
" Fulgens. Crimson.....	05	40
" Gesneriana. Large; bright crimson; blue eye; fine for bedding.....	08	75
" Greigii. Light orange, black center; spotted leaves.....	per 100, \$1.50..	3 for 10 30
" maculata. Bright red, with black blotch.....	20	2 00
" Oculus Solis (Cotton Tulip, or Sun's Eye.) Vermilion, with black eye.....	15	1 50
" Persica. Yellow; sweet-scented.....	08	80
" retroflexa. Yellow; recurved petals.....	06	50
" Sylvestris	08	75
" viridiflora. Green and white.....	05	40
	06	50



Tulipa Greigii.

VARIEGATED AND STRIPED-LEAVED TULIPS.

	Height, inches	Per doz.	100
Duc van Thol. Double; red with yellow border.....	6....each	8c.	\$0 60 \$4 00
Golden Prince. Single; beautiful and distinct; fine for bedding.....	7....each	10c.	1 00
La Candeur. Double; white; very fine for bedding.....	7....each	10c.	1 00
Purple Crown. Single; deep purplish red; early.....	6....each	5c.	30 1 50
Rex Rubrorum. Double; very beautiful; color softer than the ordinary.....	8....each	6c.	50 3 00
Rose Louisante. Single; deep rose; very fine.....	6....each	40c.	4 00
Standard Royal, Silver. Single; red and white; fine bedder.....	7....each	8c.	75
Yellow Rose. Double; fine yellow; late; very sweet-scented.....	9....each	5c.	40 2 50
Tournesol. Double; red and yellow.....	8....each	8c.	75
Waterloo. Scarlet; single.....	7....each	15c.	1 50

MIXED TULIPS.

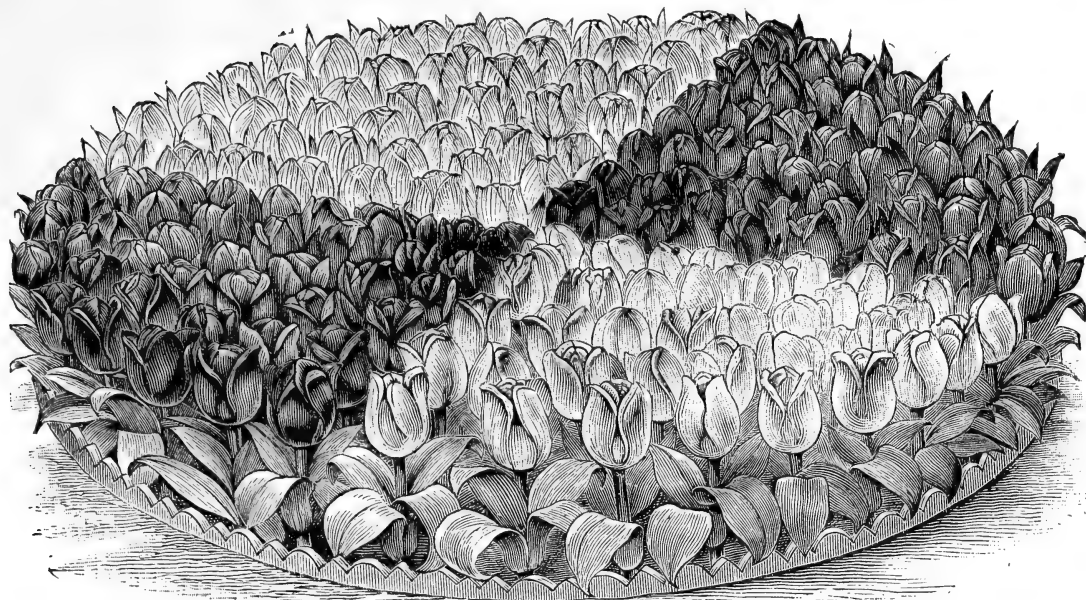
For bedding. Planted in large masses, these make a magnificent show, and, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

If ordered by mail, add 6 cents per dozen for postage.

	Per doz.	100	1,000
Fine Mixed, EARLY SINGLE. Thorburn's Special Mixture; extra choice.....	\$0 20	\$1 00	\$8 00
" " EARLY DOUBLE. Thorburn's Special Mixture; extra choice.....	20	1 00	9 00
" " Late Single	30	1 50	10 00
" " Late Double	20	1 00	8 00
" " Bizarres	30	1 50	10 00
" " Bybloems	30	1 75	12 00
" " Rosy on White	30	1 75	12 00
" " Parrot	30	1 50	10 00
" " Breeders, or Mother Tulips	30	1 75	12 00
" " Darwin. New; single, late, self-colored; mixed.....	35	2 25	20 00

CHOICE COLLECTIONS OF TULIPS, OUR SELECTION.

No. 1.	One each of the following 12 varieties Named Early Single Tulips for house culture or bedding..	\$0 40
	Artus, Cottage Maid, Keizerkroon, Pottebakker White,	
	Belle Alliance, Couleur Ponceau, La Reine, Rosa Mundi,	
	Chrysolora, Duchesse de Parma, L'Immaculee, Wapen van Leiden.	
No. 2.	Two each, same 12 varieties as in Collection No. 1 (24 named bulbs).....	65
No. 3.	Four each, same 12 varieties as in Collection No. 1 (48 named bulbs).....	1 20
No. 4.	100 Fine Named Early Single Tulips in 25 varieties.....	3 00
No. 5.	100 Fine Named Double Tulips in 25 varieties.....	3 00



Bed of Tulips.

TULIP BEDS.

It is to be regretted that the gorgeous displays presented by the Tulip beds of our public parks should so seldom be seen on our private lawns. Tulips are so hardy and of such easy culture that failure to obtain satisfactory results is possible only by selecting unsuitable *sorts*. In order to obviate this difficulty, we give the following groups of sorts that bloom at the same time and are of equal height. Any of these groups will form an effective combination. After the Tulips have flowered, the beds can be used for bedding plants, such as Geraniums, etc., to full advantage. Rich soil is necessary.

It is advisable to order as soon as possible after receipt of this Catalogue, as later on in the season we may be sold out of some varieties, owing to an unusual demand for them. In that case we shall substitute equally fine sorts of same color and time of bloom.

GROUPS OF TULIPS THAT WILL FORM EFFECTIVE COMBINATIONS.

SINGLE TULIPS.

- { Duc van Thol Scarlet.
- { La Reine.
- { L'Immaculee.
- { Duc van Thol Scarlet.
- { Rose Gris-de-lin.
- { Proserpine.
- { Pottebakker Yellow.
- { " White.
- { Golden Prince.
- { Cottage Maid.
- { Pottebakker White.
- { Couleur Ponceau.

SINGLE TULIPS.

- { Belle Alliance.
- { Princess Mary Ann.
- { Mon Tresor.
- { Pottebakker Scarlet.
- { Chrysolora.
- { Joost van Vondel.
- { Duchesse de Parma.
- { Keizerkroon.
- { Pottebakker White.
- { White Swan.
- { Wouwerman.

SINGLE TULIPS.

- { Gesneriana, Red.
- { Bouton d'Or, Pure Yellow.
- ✂ These two grow about 14 inches high.

DOUBLE TULIPS.

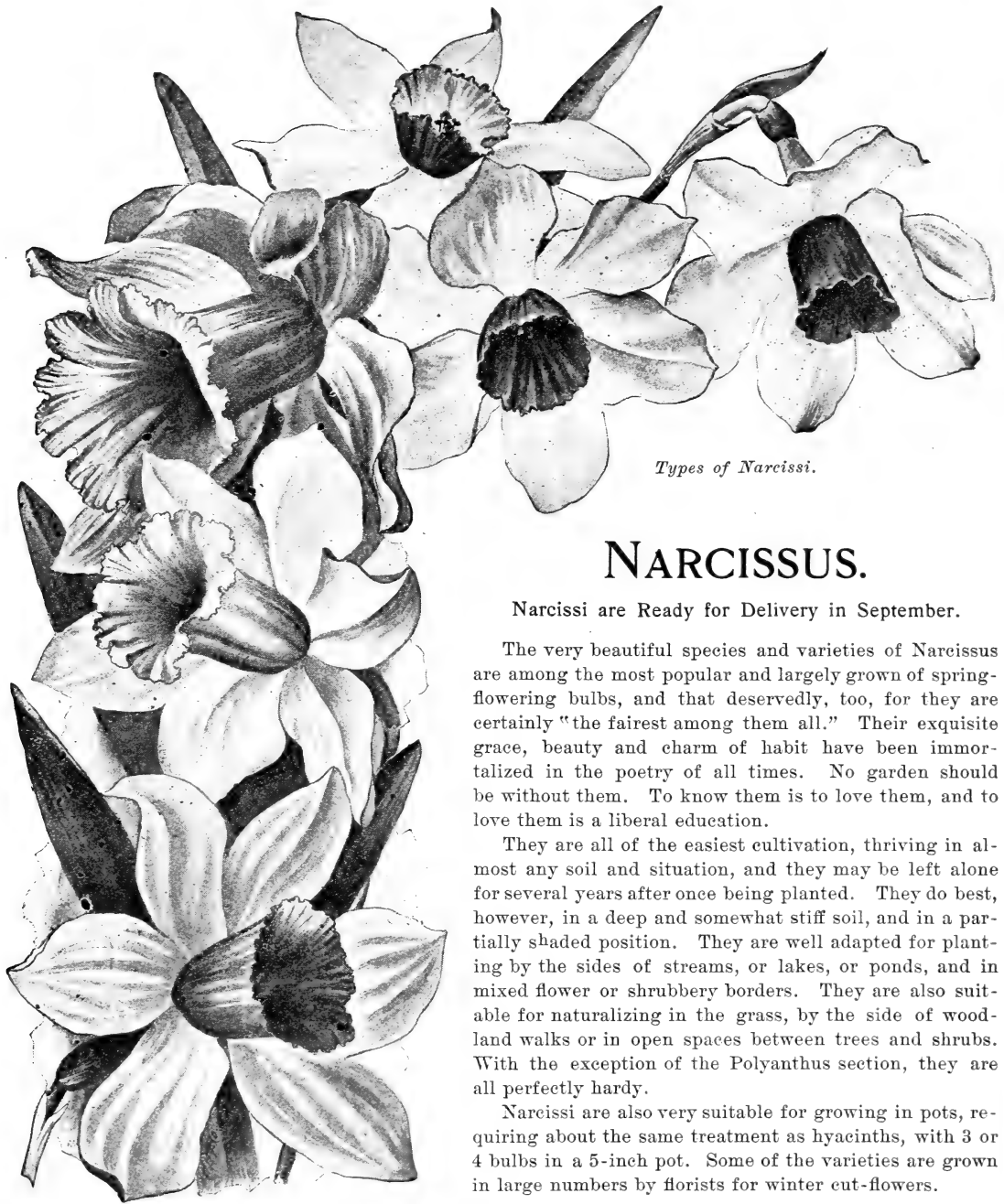
- { Rosine.
- { Tournesol Red.
- { " Yellow.
- { Rex Rubrorum.
- { La Candeur.
- { Imperator Rubrorum.

ALLIUM.

Ready in October.

Perfectly hardy bulbous plants of the easiest cultivation. They are excellent for the flower border or for naturalizing in masses. The varieties offered below are also suitable for forcing for winter cut-flowers.

Neapolitanum.	Large umbels of pure white flowers, borne on long stems; valuable for forcing for winter cut-flowers, as well as for summer garden decoration.....	Each \$0 05	Doz. \$0 25	100 \$1 25
Moly luteum.	Golden yellow flowers in large umbels; very showy and attractive; fine for growing in the garden in groups or for naturalizing in masses	2 for 5 cts...	20	1 00
Hermettii grandiflorum.	Makes a splendid pot-plant for winter blooming in the house, the handsome, large, pure white flowers being produced abundantly and for a long time; largely used by florists for forcing for cut-flowers.....	05	30	1 50

*Types of Narcissi.*

NARCISSUS.

Narcissi are Ready for Delivery in September.

The very beautiful species and varieties of *Narcissus* are among the most popular and largely grown of spring-flowering bulbs, and that deservedly, too, for they are certainly "the fairest among them all." Their exquisite grace, beauty and charm of habit have been immortalized in the poetry of all times. No garden should be without them. To know them is to love them, and to love them is a liberal education.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, or lakes, or ponds, and in mixed flower or shrubbery borders. They are also suitable for naturalizing in the grass, by the side of woodland walks or in open spaces between trees and shrubs. With the exception of the *Polyanthus* section, they are all perfectly hardy.

Narcissi are also very suitable for growing in pots, requiring about the same treatment as hyacinths, with 3 or 4 bulbs in a 5-inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers.

SINGLE NARCISSUS, or DAFFODILS.

If ordered by mail, add 13 cents per dozen for postage.

	Each	Per doz.	100
Achilles. Long yellow trumpet; handsome; very early	\$0 05	\$0 50	\$3 60
Albicans. The "Swan's Neck" or "White Spanish" Daffodil. Large white trumpet, tinged cream-color, and beautifully fringed at brim.....	10	1 00	7 00
Ard Righ (Irish King). Magnificent golden yellow trumpet; very large and graceful. One of the earliest and finest for forcing.....	15	1 50	8 00
Barri conspicuus. Lovely shape; broad sulphur petals, heavily stained orange-scarlet.	10	1 00	7 00
Bicolor Horsfieldii. "Queen of Daffodils." Rich golden yellow trumpet; pure white and well expanded perianth; a magnificent flower; fine forcer	10	1 00	6 00
Bicolor Empress. Flowers similar to the <i>Horsfieldii</i> , but larger; an excellent forcer...	15	1 50	8 00

SINGLE NARCISSUS—continued.

	Each	Per doz.	100
Bicolor Rugilobus. Sulphur perianth and golden trumpet.....	\$0 08	\$0 60	\$3 50
Biflorus. White; 2 or 3 on a stem; late; fine for planting in grass and wood walks		25	1 25
.....3 for 10 cts...			
Bulbocodium (Hoop Petticoat). Rich golden yellow; for forcing	10	1 00	7 00
Bulbocodium Monophyllum, or Clusii. Pure white, very early; fine for pots.....	10	75	5 00
Countess of Annesley. A splendid, large-flowering variety, with rich golden yellow trumpet and sulphur perianth; finest form.....	15	1 50	9 00
Cyclamineus. Lemon-yellow, cyclamen-like flowers; very attractive.	20	2 00	12 00
Emperor. Flowers of great size and substance, primrose petals, yellow trumpet.....	15	1 50	9 00
Etoile d'Or (Golden Star). Bright yellow; very pretty.....	05	50	3 00
Golden Spur. Distinguished by its enormous flower, wide trumpet and rich golden color; fine	10	1 00	7 00
Grande Maxims. Extra large flower, clear yellow trumpet, white perianth; dwarf habit.....	15	1 50	9 00
Henry Irving. Large, golden yellow; one of the best for cutting.....	10	1 00	7 00
Incomparabilis. Single yellow; early; fine for cutting.....	05	25	1 25
Incomparabilis Cynosure. Bright orange cup, large white perianth; early	05	30	1 50
Incomparabilis Figaro. Cup orange, perianth yellow; very large.	05	30	1 50
Incomparabilis Sir Watkin (Giant Welsh Chalice Flower). Golden crown, primrose perianth. Largest of all, often over 5 inches across.....	\$0 15	\$1 50	\$9 00
Leedsii. Pure white, star-shaped, sweet-scented flowers; fine for cutting.....	05	30	1 50
“ Duchesse de Brabant. White perianth, lemon cup; good for forcing..	05	40	1 75
“ M. M. de Graaff. Broad, white, well-formed perianth, with large orange cup.....	40	4 00	
“ Mrs. Langtry. White perianth, large white cup edged golden yellow; beautiful	25	2 50	
Maximus, or Vase of Beaten Gold. Very large, rich golden trumpet, fringed.	10	1 00	6 00
Muzart Orientalis. White, with orange crown; very large and distinct.....	05	50	2 50
Obvallaris Maximus (Tenby Daffodil). Early; yellow; large; fine forcer.....	10	75	4 00
Pallidus Præcox. One of the earliest and loveliest of Trumpet Daffodils; delicate self pale straw color, passing to white; fine for forcing.....	10	75	4 50
Poeticus (Pheasant's Eye). Pure white, with red cup; fine for cutting.....	2	20	75
“ Ornatus. Same color as <i>Poeticus</i> , but the flowers are larger. It is one of the most valuable for cut flowers, being very early and of great beauty and substance.	05	35	2 00
“ poetarum. Pure white, with very bright orange-scarlet eye.....	10	1 00	6 00
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flower; valuable for forcing or outdoor culture. A splendid variety.....	05	45	2 25
Pseudo-Narcissus (Lent Lily). Petals white, trumpet yellow; for naturalizing.....	05	45	2 25
Scoticus (The Garland Lily). Large white petals, bright yellow trumpet; prettily fringed.	08	60	3 50
Tenuior (Silver Jonquil). Handsome dwarf variety; sulphur-white.....	08	75	4 50
Trumpet Major. Large, early; deep golden yellow; earliest for forcing.....	05	45	2 25
Mixed. All trumpet sorts.....	05	40	1 75
Mixed Early Single. All sorts.....	05	30	1 25

*Narcissus Poeticus Ornatus.*

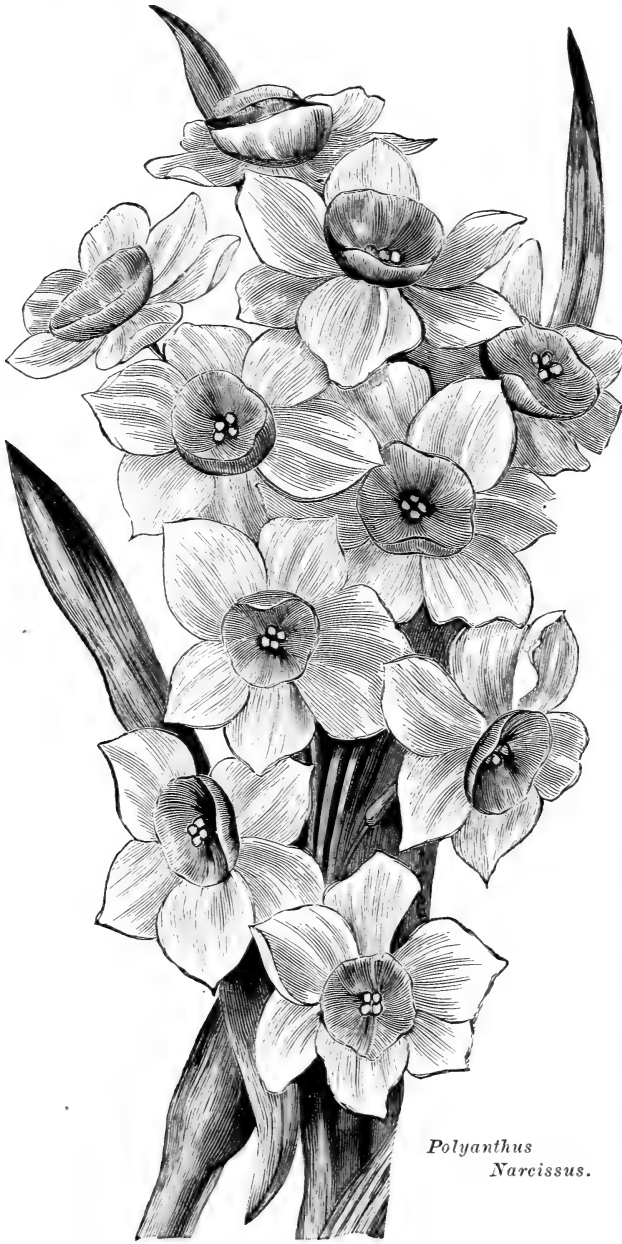
DOUBLE NARCISSUS, or DAFFODILS.

If ordered by mail, add 12 cents per dozen for postage.

	Each	Per doz.	100
Albus Plenus Odoratus. Double, pure white, very sweet scented; for outdoors...	\$0 05	\$0 30	\$1 50
Incomparabilis (Butter and Eggs). Lemon and orange; fine for forcing or outdoors..	05	30	1 50
Orange Phoenix (Eggs and Bacon). White and orange; fine for cutting.....	08	60	3 50
Sulphur Crown, or Silver Phoenix. Most beautiful, pure white; very double..	20	2 00	12 00
Tazetta (Roman). Very early; double yellow; for forcing and pot culture.....	05	30	1 50
Van Sion. The largest double yellow trumpet variety; extra fine for forcing, and most grown by florists. Our bulbs are Dutch-grown, of the pure golden yellow variety.....	05	50	2 50

POLYANTHUS NARCISSUS.

Invaluable for forcing. All very early; flowers exceedingly fragrant; may be grown in glasses or pots. If planted in open borders, must be protected over winter by a covering of litter.



Polyanthus
Narcissus.

If ordered by mail, add 20 cents per dozen for postage.

Bazelman Major. Broad white perianth, deep yellow cup; largest of all. 30 cts. each, \$3 per doz.

Bazelman Minor. White, with yellow cup; very early; large flowered. 10 cts. each, 80 cts. per doz., \$5 per 100.

Gloriosus. White perianth, deep orange cup; very striking. 8 cts. each, 75 cts. per doz., \$4 per 100.

Grand Monarque. White, with yellow cup; very large flower; vigorous grower. 8 cts. each, 60 cts. per doz., \$3.50 per 100.

Grand Soleil d'Or. Yellow, with orange cup; very free blooming. 5 cts. each, 50 cts. per doz., \$2.50 per 100.

Grand Primo. White, lemon cup. 8 cts. each, 60 cts. per doz., \$3 per 100.

Jaune Suprême. Primrose, orange cup. 8 cts. each, 75 cts. per doz., \$4 per 100.

Lord Canning. Yellow; extra fine; profuse bloomer. 10c. each, \$1 per doz., \$5 per 100.

Luna. Very pretty white variety. 8 cts. each, 75 cts. per doz., \$4 per 100.

Maestro. Double; white, with orange cup; large flower; dwarf habit. 15 cts. each, \$1.50 per doz.

Newton. Pure yellow, with orange cup; extra fine. 8 cts. each, 75 cts. per doz., \$5 per 100.

Paper White. Pure white; earliest; valuable for forcing. 10 cts. for 3, 30 cts. per doz., \$1.50 per 100.

Paper White, Large-flowering. Very early, and largely forced by florists for cut-flowers. Beautiful clusters of large pure white flowers. 5 cts. each, 35 cts. per doz., \$2 per 100.

Queen of the Yellows. Extra fine; immense pure yellow flower. 12 cts. each, \$1.25 per doz., \$9 per 100.

Queen Victoria. White, with yellow cup; large, handsome flower. 8 cts. each, 75 cts. per doz., \$4 per 100.

Staten General. White, with primrose-yellow cup; free bloomer. 6 cts. each, 50 cts. per doz., \$3 per 100.

White Pearl. Perianth pure white, cup primrose; fine for cutting. 10 cts. each, \$1 per doz., \$5 per 100.

Mixed, White Sorts. 5 cts. each, 35 cts. per doz., \$2 per 100.

Mixed, Yellow Sorts. 5 cts. each, 35 cts. per doz., \$2 per 100.

Mixed, All Colors. 5 cts. each, 40 cts. per doz., \$2 per 100.

JONQUILS.

A class related to the Narcissus, and suitable alike for pot-culture or planting out. The culture required is the same as for hyacinths.

If ordered by mail, add 6 cents per dozen for postage.

	Each	Per doz.	100
Single Yellow Sweet-scented2 for 5 cts...	\$0 20	\$0 75	
Large Single (Campernelle). Yellow.....2 for 5 cts...	20	1 00	
Odorus rugulosus. An improved Campernelle; deep yellow, large, crinkled flowers; very fragrant	\$0 05	30	1 50
Large Double. Yellow	08	75	4 00
Silver Jonquil (<i>Narcissus tenuior</i>).....	08	75	4 50

LILIES.

For stateliness of habit, beauty of form, and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown, and require little care. With the exception of *L. candidum* and *L. tigrinum*, which prefer a rich, deep loam, they all do best in a light, well-drained soil. Some peat or leaf-mould may be used to advantage. *L. auratum* cannot bear manure, but thrives in ordinary light soil. They all prefer a partial shade, and the taller sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot-culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii and *Lilium candidum* ready in August; all others not till November.

If ordered by mail, add 3 cents each for those marked (*); others from 1 to 2 cents each for postage.

***Atrosanguineum** (*Fulgens*). Dark crimson, black spots; very handsome \$0 25 \$2 25

Bloomerianum. Clear orange-red, spotted maroon. 3 feet high..... 40 4 00

***Brownii**. Most beautiful flowers of immense size, inside creamy white, outside shaded chocolate-purple; it makes a splendid pot plant; 2½ to 3½ feet high..... 40 4 00

Bulbiferum. Orange, spotted purple..... 20 2 00

Camschatica. Purple-black fritillaria-shaped flowers; dwarf habit; plant in a sheltered position and protect well over winter 85

Canadense. Our native "Meadow Lily;" graceful, drooping, bright yellow flowers, spotted red; 1½ to 3 feet..... 10 1 00

***Candidum** (*Madonna Lily*; *St. Joseph's Lily*). The common garden Lily; large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet high..... per 100, \$6.50.. 10 1 00

***Candidum maculatum**. Striped-leaved; 4 feet..... 25 2 50
" **flore-pleno**. Double, white..... 25 2 50

Chalcedonicum (The true Scarlet Turk's Cap Lily). Brilliant scarlet, recurved flowers; 3 feet..... 60 6 00

***Colchicum** (*Monadelphum*). Citron, black spots; a splendid Lily; 2 feet high..... 1 00

Columbianum. Bright orange-red, with crimson spots; very fragrant; 3 feet high, of graceful habit and easy cultivation 20 2 00

Excelsum (*Testaceum*). Lovely cream-colored flowers, tinged with apricot; very fragrant; 5 feet; stately and elegant form 35 3 50

***Giganteum**. A magnificent species, growing 6 to 10 feet high, and bearing many large funnel-shaped flowers, 5 to 6 inches long; color white, with purple throat; extra large bulbs..... 3 50

Harrisii. See page 16.

***Humboldtii**. A beautiful Lily, with orange-red flowers, spotted claret-color; 4 to 5 feet..... 25 2 50

***Longiflorum**. Pure white trumpet; bulbs 5 to 7 inches in circumference..... 10 1 00
" 7 to 9 inches in circumference 15 1 50

Maritimum. A rare and beautiful Lily; narrow, funnel-formed flowers; blood-red to orange-red, spotted with purple inside; 2 to 3 feet..... 40 4 00

Martagon. Purplish violet, spotted dark purple; 2 to 3 feet..... 25 2 50

" **Yellow**. Very fine yellow variety..... 35 3 50

Pardalinum (*Leopard-spotted Lily*). Bright orange-red, light yellow center, and large purple spots; 3 to 7 feet..... 15 1 25

Parryi. Large, pale yellow flowers; very rare..... 60 6 00

Parviflorum. Orange, spotted maroon..... 25 2 50

Parvum. Orange-yellow, spotted purple; 2 feet high 40 4 00

Philadelphicum. Bright orange-red, with black spots; 2 feet high..... 10 1 00

Rubescens. The most beautiful of our native Lilies. The flowers open pure white and change first to pink and then to deep wine color; very fragrant..... 70 7 00

Superbum (*Turk's Cap Lily*). Deep orange-red, thickly spotted; 4 to 6 feet..... 10 1 00

Tenuifolium. An elegant species, with very slender stems, bearing brilliant scarlet, drooping flowers in great numbers; 1 to 1½ feet high..... 25 2 50

Thompsonianum. Large, handsome, drooping, rose-colored flowers; 1½ feet high 20 2 00

Thunbergianum aurantiacum. Orange-red, with purplish spots; 1 foot..... 15 1 50

" **citrinum**. Handsome, lemon color; 1 foot..... 15 1 50

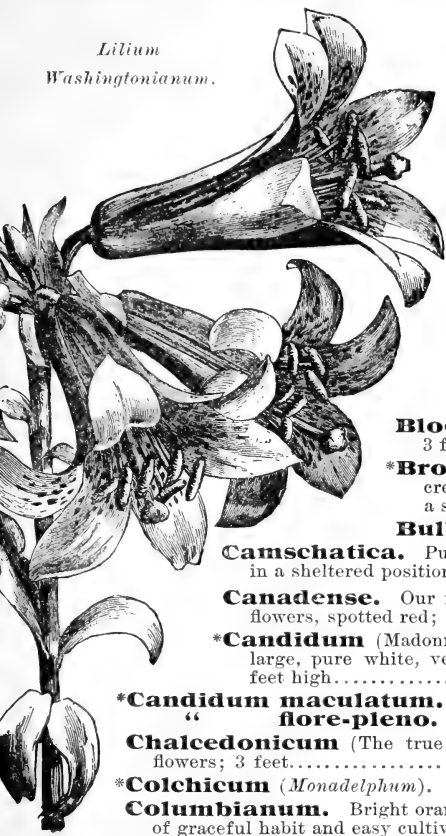
" **Kikak**..... 15 1 50

" **Prince of Orange**..... 15 1 50

***Tigrinum** (*Tiger Lily*). Orange-salmon, spotted black; 3 feet high..... 10 80

" **splendens**. Rich scarlet, with black spots; finest of all Tiger Lilies..... 10 1 00

" **flore pleno**. Double Tiger Lily; bright orange-red, with black spots; 4 to 5 ft... 12 1 25



LILIES—continued.

	Each	Per doz.
Umbellatum erectum. Orange, scarlet-spotted flowers; 1½ feet	\$0 12	\$1 25
“ grandiflorum	12	1 25

Umbellatum incomparabile. Deep blood-red	12	1 25
Umbellatum Mixed	10	1 00

Wallacei. Dwarf habit; flowers rich orange, spotted maroon	15	1 50
---	----	------

*Washingtonianum. A lovely native variety, of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet high	30	3 00
---	----	------



Lilium Harrisii.

LILIUM HARRISII.

(BERMUDA EASTER LILY.)

Bulbs Ready Now.

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, and last a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decorations. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

If ordered by mail, add from 10 to 20 cents per dozen for postage, according to size.

	Each	Per doz.	100
5 to 7 inches in circumference.....	\$0 12	\$1 25	\$7 00
7 to 9 inches in circumference	20	2 00	12 00
9 to 11 “ “ “ very fine.....	35	3 50	26 00

CHINESE SACRED LILY.

(THE WATER-FAIRY FLOWER.)

Ready in September.

12 cts. each, \$1.25 per dozen.

If ordered by mail, add 30 cents per dozen for postage.

A variety of the Polyanthus Narcissus, imported from China. The Chinese have the following interesting fable connected with this flower:

“Once upon a time a father left his property to his two sons, with the understanding that it should be equally divided; but the elder son seized all the tillable land and left the younger nothing but an acre covered with rocks and water. The younger son, failing to obtain justice, sat at the water’s edge bemoaning his misfortune. A benevolent fairy appeared, and, giving him these Narcissus bulbs, told him to drop them into the water. Shortly afterward their flowers were developed, and the neighbors crowded to see the fairy’s gift. In the course of a few years the badly treated brother accumulated a fortune by the rapid increase and sale of his bulbs. Then the elder brother, envious of the prosperity of the younger, bought up great numbers of the bulbs—hoping to get a monopoly by getting all of them—at so heavy a price that he was obliged to mortgage his property to procure funds for the purpose. He planted all his good land with bulbs, but they soon began to die, as they cannot live long out of water. He was ruined, while his brother, who had bought the mortgage, foreclosed it, and became possessed of the whole estate in time to plant some of the dying bulbs in the watery acre.”

The bulbs should be placed from 3 to 6 in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulb so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulb entirely, and place in a sunny window in a cool room.

12 cts. each, \$1.25 per dozen.



Chinese Sacred Lily.

LILIES, continued—BEAUTIFUL JAPAN LILIES.

These do not generally arrive till November and December. We import our supply direct from Japan every year. Every garden should have some of these most beautiful and easily grown Lilies.

Postage on these varies from 2 to 10 cents on each, according to size.



Lilium auratum.

	Each	Per doz.
Auratum Virginal. Very large, pure white flowers, with yellow band through center of each petal; a magnificent variety, growing from 4 to 6 feet high.....	\$0 65	\$6 50
Speciosum album Krætzneri. Beautiful, pure white flowers, of large size; 2 to 4 feet high; one of the handsomest and easiest grown Lilies we have.....	20	2 00
“ rubrum. White, shaded rose, and spotted deep red; 2 to 4 feet high.....	15	1 50
“ rubrum Melpomene. Very dark, crimson spotted flowers of large size and striking appearance; 2 to 4 feet high.....	20	2 00
Batemannii. Richly colored, unspotted flowers of bright apricot tint; a most beautiful variety; 3 to 4 feet high.....	15	1 50
Coridion. Upright, star-shaped flowers of clear yellow, spotted with red.....	15	1 50
Krameri. White, slightly tinged with red; sweet-scented.....	15	1 50
Leichtlinii. Orange-red, with crimson spots; 2 to 3 feet high.....	30	3 00
“ Canary Yellow. Like above, but in color pure canary yellow.....	35	3 50

LILY-OF-THE-VALLEY. (CONVALLARIA MAJALIS.)

Ready in November.

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three or four weeks after planting. They require a considerable amount of heat to start them.

Convallaria majalis. White flowers; fine large clumps, with 15 or more flowering pips on each. Fine for planting outside in shaded positions, and for naturalizing by the side of streams or wood walks. 30 cts. each, \$3 per doz.

“ “ Strong pips for forcing. 50 cts. per bundle of 25, \$1.75 per 100, \$14 per 1,000.

ARUMS.

Ready for shipment in September and October.

A genus of curious and ornamental perennials, with peculiar and distinct foliage and flowers. They make handsome pot-plants, and are also very effective in sub-tropical gardening. *A. Dracunculus* is hardy, and may be left in the ground over winter, with a little covering. The others should be potted in the autumn and kept dormant till spring. They are all of easy cultivation, requiring rich soil and plenty of water during the growing season. A compost of rich loam, with a third of well-rotted manure and some sand, is very suitable.

If ordered by mail, add 3 cents each for postage.

	Each	Per doz.
Crinitum. Marble stems; broad, flesh-colored, spotted flowers, covered with hairs.....	\$0 40	\$4 00
Cornutum (Red Calla). Flowers red, spotted black; stems mottled; a handsome pot-plant	10	1 00
Dracunculus (Dragon-flower). A striking and very ornamental plant for pots or garden. It grows to a height of 3 feet, with mottled stem and handsome foliage, and very large brownish black flowers; hardy.....	15	1 50
Italicum. A hardy species from the Channel Islands, with creamy white flowers	08	75
Maculatum. A fine decorative plant; flowers white; green foliage, spotted black.....	10	1 00
Palæstinum sanctum. The new <i>Black Calla</i> from the Lebanon Mountains; a splendid pot and chamber plant, with fine, dark green foliage, large black spathe and black spadixper 100, \$10..	15	1 50



Arum Dracunculus.

AMARYLLIS.

Ready in October.

Extremely ornamental greenhouse plants, with large fragrant, beautifully colored flowers. The most suitable soil is good loam, with one-fourth part of leaf-mould or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February. They require plenty of sunshine, but in the flowering season a light shading tends to preserve the blossoms longer. Frequent disturbance of the roots is to be avoided. Established bulbs in large pots should have a top dressing each year when starting, and manure water during the growing season.



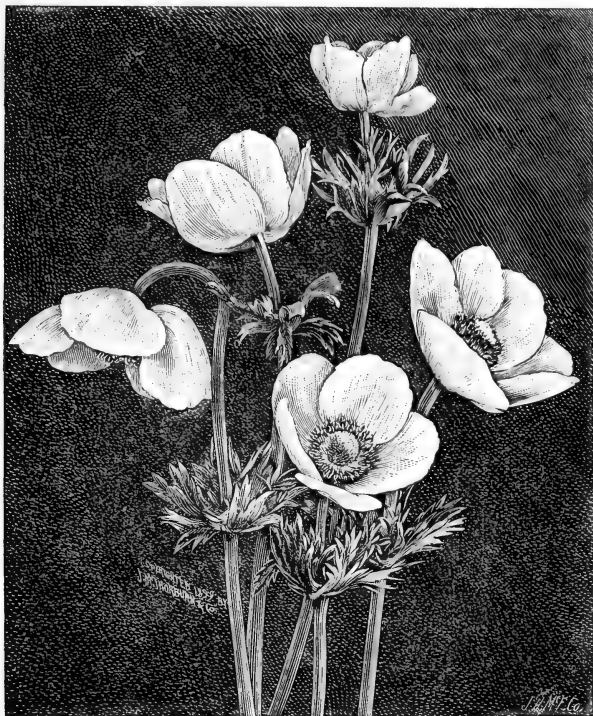
	Each	Per doz.
Aulica (Lily-of-the-Palace). Very large, handsome flowers; crimson, shaded with green.....	\$1 25	
Belladonna. Violet and white; flowers in large umbels; very fragrant.....	20	\$2 00
“ Major. A large and improved form of the preceding.....	30	3 00
Cleopatra. Red, white margin	4 00	
Crocea. Scarlet, with white.....	2 00	
Equestris (Barbados Lily). Brilliant orange-scarlet, white throat	15	1 50
Formosissima (Jacobæan Lily). Pretty scarlet flowers; may be planted outside in the spring.....	15	1 25
Gigantea (Josephine). Very fine scarlet; flowering in immense umbels; these are extra-size bulbs	6 00	
Johnsonii (Spice Lily). Very large, exceedingly beautiful flowers; crimson, striped white.....	70	7 00
Longifolia rosea. Rose; hardy.....	30	3 00
“ alba. White; hardy	35	3 50
Lutea (Sternbergia). Hardy autumn-flowering variety, with bright yellow crocus-like flowers.....per 100, \$4..	10	1 00
Orientalis. Fine; rare variety	4 00	
Ornatum. White, finely striped rose.....	3 50	
Prince of Orange. Bright orange.....	2 50	
Regina. Red and white; very handsome.....	3 00	
Vittata Mixed. Striped red and white	50	5 00
Mixed Hybrids. Beautifully colored hybrids; large bulbs	75	7 50

Amaryllis.

ANEMONE, or WINDFLOWER.

Very ornamental, hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced in frames for early flowers.

If ordered by mail, add 15 cents per hundred for postage.



Anemone Coronaria.

Thalla. Striped; double			
Double. All colors mixed			
Single. All colors mixed			

CORONARIA, or POPPY-FLOWERED ANEMONES.

Ready in September.

Caen. New Giant Poppy-flowered. Very large, single flowers, in the richest colors, including scarlet and carmine shades.	Each	Per doz.	100
	\$0 05	\$0 35	\$2 00
Blue Incomparable. Azure-blue; double.....	05	40	2 50
" King of the Blues. Large, double.....	05	50	3 50
" Single. Light colors ...	05	25	1 50
Scarlet, Feu Superbe. Bright; double	05	45	3 00
" L'Eclair. Large flowers; double	05	45	3 00
" Cardinal's Hat. Double; very early..	05	40	2 50
" King of the Scarlets. Double	05	45	3 00
" Single Mixed			
..... 2 for 5 cts...		25	1 25
" Double Mixed	05	40	2 50
White Ceres. Double; tinted rose.....	05	50	3 50
" The Bride. Single; pure white	05	25	1 50
Rose, Rosette. Double, rose; extra large	05	35	2 00
" Leverrier. Double.....	05	45	3 00
" Mignonne. Double ...	05	45	3 00
	05	40	2 50
	05	25	1 50
		20	1 00

ANEMONE SPECIES.

Ready in November.

Appenina, "Blue Star." Very charming clear blue, star-shaped flowers; excellent for naturalizing; early flowering.....	Each	Per doz.	100
	\$0 06	\$0 50	\$3 50
Appenina, White. A variety of the above	06	50	3 50
Chrysanthemiflora Mixed. Large, imbricated, double flowers; very early, vigorous and free-blooming	12	1 25	8 00
Fulgens. Dazzling vermilion or scarlet; flowers very early in the spring. It does best in good loam and in a moist situation. A fine pot plant for house decoration	06	50	3 50
Japonica alba. Large, pure white flowers; invaluable for cutting	06	45	3 00
" rosea. Large, rosy carmine flowers, 2 to 2½ inches	06	45	3 00
" rubra. Resembling above, but much darker in color	08	50	3 50
" Lady Ardillaun. A greatly improved "Alba," with larger flowers of greater substance.	15	1 50	10 00
" Whirlwind. It bears in profusion large, semi-double, pure white flowers of great substance; splendid for cutting.....	08	75	4 00

TUBEROUS-ROOTED BEGONIAS.

Ready in November.

Splendid pot plants for the house or greenhouse; also for bedding in summer. For bedding they should be started in hotbed in March and April. The hollow end of the bulb should be up and but slightly covered. They should get very little water until the plants are growing.

Single Crimson	Each	Per doz.	100
" Scarlet	\$0 10	\$1 00	\$6 00
" Rose	10	1 00	6 00
" White	10	1 00	6 00
" Yellow	10	1 00	6 00
" Mixed	10	1 00	5 00
Double White	20	2 00	12 00
" Yellow	20	2 00	12 00
" Rose	20	2 00	12 00
" Mixed	20	2 00	11 00

BRODIAEAS.

Ready in September.

Very pretty, hardy, bulbous plants from the Pacific coast. They have narrow, grassy leaves, slender stems, and a head or umbel of lily-like flowers. Suitable for forcing or outdoor culture. They do best in rich, sandy loam. If grown in pots a compost of loam, leaf-mould and sand is recommended.



Brodiaea coccinea.

	Each	Per doz.	100
Bridgesii. Rich, reddish purple flowers; very handsome.....	\$0 08	\$0 65	\$4 50
Californica. Large, pure waxy pink flowers.....	08	65	4 50
Coccinea (Floral Fire Cracker). Rich blood-crimson, tipped white.....	06	50	3 50
Capitata. Handsome, deep violet flowers in compact umbels, borne on long, slender stems.....	05	40	2 50
Capitata alba. Very beautiful, pure waxy white.....	08	65	4 50
Ixioides. Bright yellow flowers, banded with brown.....	05	40	2 00
Ixioides splendens. Large light yellow flowers.....	08	65	4 50
Laxa. Tall, with large blue flowers.....	05	40	2 00
Peduncularis. Porcelain-white flowers in immense umbels.....	08	60	4 00
Stellaris. Flowers rich purple, with white center.....	05	40	2 50
Volubilis (Twining Hyacinth). Lovely waxy pink flowers.....	10	1 00	7 00
Mixed. All sorts.....	05	30	1 50

CROCUS.

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted close—say 2 inches apart—and in close rows, they make a very pretty display immediately after the snow goes off in the spring. Do not disturb for several years.

For flowering in pots, hedge-hogs, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

If ordered by mail, add 15 cents per 100 for postage.

	Per doz.	100	1,000		Per doz.	100	1,000
Large White.	\$0 10	\$0 50	\$4 00	Large Scotch. White, with purple stripes.....	\$0 20	\$1 00	\$8 00
Large Yellow.	10	55	4 50	Cloth - of - Gold. Golden yellow, striped brown.....	10	55	4 50
Giant Yellow.	20	1 00	8 00	Cloth-of-Silver. Light blue, striped.....	15	70	5 00
Large Blue.	10	50	3 50	Mixed. All colors.....	10	45	3 25
Large Purple.	10	50	3 50				
Striped and Variegated.	10	50	3 50				

HYBRID NAMED CROCUS.

Composed of the most beautiful varieties; remarkable for richness of color and immense size. These varieties are best for forming letters or designs on the lawn, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. The flowers are produced very early, and the mowing later on will not seriously injure the Crocus bulbs.

If ordered by mail, add 25 cents per 100 for postage.

	Per doz.	100
Albion. Fine striped.....	\$0 20	\$1 00
Baron von Bruns. Dark purple.....	15	80
Caroline. Pure white.....	15	80
Dandy. White edged.....	15	80
David Rizzio. Purple.....	15	80
King of the Blues. Very large.....	25	1 50
La Majesteuse. Violet-striped.....	15	80
Lord Palmerston. Large; purple.....	20	1 25
Mad. Mina. Violet and white.....	15	80
Mammoth. White.....	15	80
Marquis of Lorne. Purple.....	20	1 25
Mont Blanc. Finest of all whites.....	15	80
Non Plus Ultra. Blue, white bordered.....	15	80
Purpurea grandiflora. Purple.....	25	1 50
Queen Victoria. Fine white.....	15	80
Queen of the Netherlands. Very large pure white.....	20	1 00
Sir Walter Scott. Variegated.....	15	80



Crocus.

CALOCHORTUS.

(MARIPOSA LILY, or BUTTERFLY TULIP.

Ready in September.

Very handsome bulbous plants from California. They are remarkable for the brilliancy and variety of their coloring, and their gracefulness of habit. They grow freely in light, sandy loam; though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and in pots.

If ordered by mail, add 5 cents per dozen for postage.



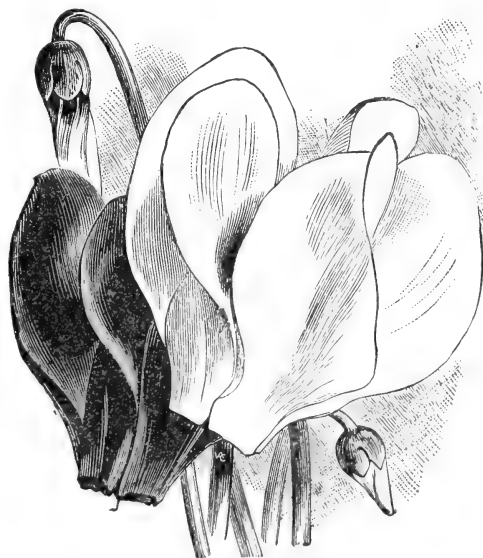
	Each	Per doz.	100
Albus. Pearly white, rich blotch.....	\$0 05	\$0 40	\$2 50
Benthami. Rich yellow, with black spots.....	05	40	2 50
Gunnisonii, or Nuttallii. Creamy white flowers, banded with green.....	08	60	4 00
Lilacinus. Shading from lilac to purple; pretty	05	40	2 50
Maweanus major. White ground; open cup, filled with fine blue hairs.....	06	50	3 50
Nitidus. Handsome lilac flower, with large, indigo blotch in middle of petal.....	10	1 00	7 50
Pulchellus. A beautiful, rich yellow.....	05	40	2 50
Splendens. Bluish lilac; very beautiful flowers 3 inches across.....	08	60	4 00
Venustus citrinus. Inside citron-yellow, outside brown.....	05	45	2 50
" El Dorado. Mixed; exceedingly varied and brilliant; the finest colored Calochorti	08	60	4 00
" purpurescens. Flowers 3 inches across; purplish lilac outside, creamy white and purple inside..	06	50	3 50
Vesta. Finest of all; immense flowers, 3 to 5 inches across. White, suffused with lilac to rose-purple. Hardy, vigorous and easily grown.....	08	75	5 00
MIXED, All Sorts	05	35	2 25

CYCLAMEN.

Most of them ready in September.

When well grown, it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white, and of much elegance of form in flower and plant. The *C. giganteum* is an improved strain of the old *C. Persicum*, having much larger and more brilliantly colored flowers, and producing them more abundantly. We offer seed of our superb strain of these at the end of this Catalogue.

	Each	Per doz.
Atkinsi album. White.....	\$0 30	\$3 00
" rubrum. Red.....	25	2 50
Coum. Crimson.....	25	2 50
Giganteum Rose	20	2 00
" Dark Crimson	20	2 00
" White"Mont Blanc"	20	2 00
" White, Rose Eye	20	2 00
" Carminé	20	2 00
" Mixed	15	1 50
Neapolitanum. White, tinted with lilac and purple; sweet-scented.....	25	2 50
Hederæfolium album	30	3 00
" roseum	20	2 00



Cyclamen giganteum.

CROWN IMPERIALS.

(FRITILLARIA IMPERIALIS.)

A stately-growing plant, with dark green foliage, and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be.

Their flowers are produced quite early in spring, and are very ornamental and decorative in the center of a bed of other bulbous plants. The old, dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and desirable in every respect. They are all the better for being planted in good, rich, well-drained soil; the flowers will be larger and of finer coloring, as well as more enduring.

Ready in September.

If ordered by mail, add 3 cents each for postage.



Crown Imperial.

	Each	Per doz.
Aurora. Red.....	\$0 15	\$1 50
Crown on Crown	25	2 50
Couronne Orange	20	2 00
Gold Striped. Crimson flowers; variegated foliage.....	25	2 50
Silver Striped	1 00	
Large Double Red	1 00	
Large Double Yellow	1 00	
Maximus, Bright Yellow	40	4 00
“ Red	50	5 00
Red Slagzwaard	20	2 00
Sulphureus. Sulphur.....	20	2 00
Fine Mixed Varietiesper 100, \$6..	10	1 00

BEAUTIFUL DOUBLE DELPHINIUMS.

(PERENNIAL LARKSPURS.)

Ready in November.

	Each	Per doz.
Beaumarchais. Large flowers; Turkish blue, with rosy center.....	\$0 30	\$3 00
Carpeaux. Ranunculus shape; bronzy greyish lilac, tinted yellow in center.....	30	3 00
Dr. Brahmann. Blue and violet.....	30	3 00
Gloire de Nancy. Ranunculus shape; bright cobalt-blue.....	30	3 00
Irene. Sky-blue and pink, with white eye.....	30	3 00
Prince of Naples. Semi-double; dark blue, white center.....	\$0 30	\$3 00
Scribe. Lilac and light rose; white-bordered.....	30	3 00
Tour d'Eiffel. Brilliant blue, striped in center.....	30	3 00

FRITILLARIAS.

Ready in September.

Graceful, hardy, spring-flowering, bulbous plants, thriving in good, rich, well-drained soil. The name is from *fritillus*, a chess-board, in allusion to the chequered flowers of some of the species. Some are interesting from their peculiar coloring, and others are really beautiful. They are very effective in mixed flower borders, and they also make excellent pot-plants.

	Each	Per doz.	100
Biflora. Low-growing species; brown ground, prettily lined.....	\$0 08	\$0 75	\$4 00
Lanceolata. Tall flowers, mottled green and brown.....	08	75	4 00
Lilacea. Flowers white; easily grown.....	08	75	4 00
Recurva. Larger and more profuse-flowering than the above.....	10	1 00	6 00
Meleagris (Guinea-fowl Flower). Mixed colors. Valuable for outdoor decoration.....	05	30	1 50
Fritillaria imperialis. See Crown Imperials, above.			



Fritillaria recurva.

IRIS. (FLEUR-DE-LIS.)

The justly popular *Freesias* are greatly prized for the delicate and November which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in a

light, sandy soil, in a frame or greenhouse, and are excellent for window culture in winter; one plant will perfume a large room, but not in the persistent manner of a tuberose. The plant has tooth-shaped bulbs and flat, spreading leaves. For the information of all not acquainted with these bulbs, we may say that they are quite small, and produce very large blooms in comparison to their size.

Freesia refracta alba. Pure white, and sweet-scented; very largely forced. It is one of the prettiest bulbous plants known. The flowers are 2 inches long, and about the same in width, shaped like miniature gladioli, and in clusters of 6 to 10, on depressed horizontal scapes. The body of the flower is pure white, with lower segments spotted lemon-yellow. There is a peculiar delicacy and beauty about this flower that is all its own; the fragrance is remarkable and very lasting.

Monster Size Bulbs. 30 cts. per doz., \$1.50 per 100, \$12 per 1,000.

First Size Bulbs. 20 cts. per doz., \$1 per 100, \$8 per 1,000.

Second Size Bulbs. 15 cts. per doz., 75 cts. per 100, \$6.50 per 1,000.

Freesia Leichtlinii.

Creamy white, shading to yellow; a pretty sort; distinct in color. 35 cts. per doz., \$2 per 100.



Freesia refracta alba.

GLADIOLUS.

Ready in November.

The following varieties are the sorts generally to be had at this season of the year, and they are usually planted in pots in autumn, and require to be kept in

a warm room or greenhouse, except those prefixed with an asterisk (*), which are hardy, and may be planted out; it is best, however, to give them a slight protection. Some varieties are successfully forced.

The French Hybrids, for spring planting, will be in by November. These form a family of bulbs of rare beauty. Every year is now adding varieties of most exquisite tint and shade; and from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding.

Named varieties will be found in our General Catalogue, published January 1st.

NEW DOUBLE LARGE-FLOWERING.

	Each Per doz.	
Beauty. Light silvery lilac, veined purple blue; dwarf, large flower	\$0 20	\$2 00
Blue Jay. Dwarf habit, large flower; fine azure blue, freely veined and mottled white; extra fine.....	20	2 00
Charmer. Lovely light blue, with white center and veins; large and handsome	20	2 00
Mahogany. Very large flower, deep mahogany red	20	2 00
Mt. Fell. Grayish white, veined sky-blue; blue and yellow center	20	2 00
Orion. Tall and strikingly handsome; pure white, each petal having a wide border of lilac-red.....	20	2 00
Pyramid. Light violet blue, with white veins; very large flowers.....	20	2 00
Snow White. Tall and showy, with flowers of enormous size, probably the most beautiful of all; pure snow white, with large gold-blended center	20	2 00
Mixed. New double large-flowering Japan Iris	15	1 25

For Single Large-flowering Japan Iris, see next page.

NEW SINGLE LARGE-FLOWERING JAPAN IRIS.

	Each	Per doz.
Bluebird. Clear dark blue.....	\$0 20	\$2 00
Como. Reddish amaranth, with large white center.....	20	2 00
Exquisite. Fine porcelain-blue.....	20	2 00
Shadow. Large wavy petals, dark indigo-blue, with peacock luster; golden center; fine.....	20	2 00
Snowbound. Large, pure white, with golden bands.....	20	2 00
Souvenir. Lovely rose-pink with delicate blue veins.....	20	2 00
Neptune. Reddish gray, freely veined.....	20	2 00
Quakeress. Light lavender, tinged rose.....	20	2 00
Mixed Single Large-flowering New Japan Iris.	15	1 25



Iris.

IXIAS.

Ready in October.

The Named Hybrid Ixias are so beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for pots or the open ground, exceedingly free-flowering, and invaluable for cutting. If planted out, they require rather more covering during winter than hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

	Each	Per doz.	100
Bucephalus. Rich crimson, very fine.....	\$0 08	\$0 60	\$4 00
Crateroides. Bright crimson.....	05	40	2 00
Giant. Light fawn color.....	08	60	4 00
Glory. Crimson and mauve, black eye.....	08	60	4 00
Golden Drop. Yellow, tinged purple, deep maroon eye.....	08	60	4 00
Hercules. White, flushed purple.....	08	60	4 00
Læta. White and plum color, brown eye.....	08	60	4 00
Titania. White, changing to lilac.....	08	60	4 00
Titus. Bright yellow, outside streaked magenta; eye black.....	08	60	4 00
In 25 New Varieties	06	50	3 50
In Splendid Mixture	2 for 5 cts..	20	1 00

ERYTHRONIUMS.

Ready in September.

Very ornamental, hardy, bulbous plants, of neat and dwarf habit. prefer a mixture of loam and peat. They should be planted in groups, and do well in sheltered positions on rockeries, or in mixed flower or shrubbery borders. They may also be grown in pots in coldframes for house decoration when in flower.

Giganteum (Giant Dog's-Tooth Violets). Very large, straw-colored flowers, with orange center, borne on long, slender stems; the foliage is richly mottled in dark brown, and its elegant habit makes it a very attractive pot-plant for window decoration.....	Each	Per doz.	100
	\$0 05	\$0 40	\$2 50
Grandiflorum. Leaves unmottled, flowers bright yellow, with recurved petals.....	10	1 00	6 00
Hartwegii. Fine new variety; light yellow flowers, like those of <i>E. giganteum</i> , but each borne on a separate stalk; the easiest of all the sorts to grow.....	06	50	3 50
Hendersonii. Flowers pink, with very dark purple center; leaves beautifully mottled in dark brown; petals strongly recurved; very rare....	10	1 00	5 00
Johnsoni. Large, clear pink flowers, with orange center; foliage prettily variegated in dark brown; grown in pots in frames and brought into the house when in flower, they make very attractive decorative plants.....	12	1 25	8 00
Revolutum. Leaves mottled white and brown; flowers opening white, and passing to pink and purple.....	08	65	4 50
Dens-canis (Dog's-Tooth Violet). Mixed colors; very pretty; leaves blotched in brown and white.....	05	30	1 50

(DOG'S-TOOTH VIOLETS.)

They succeed in almost any light soil, but



Erythronium.

LACHENALIAS.

Ready in September.

Very pretty, spring-flowering greenhouse bulbous plants, with brightly colored flowers and elegant habit. They should be grown in pots, 4 to 6 bulbs in a 5-inch pot, in a compost of two parts loam, two parts leaf-mould and one part each of peat, sand and well-rotted cow manure. Apply but little water until growth is somewhat advanced, but give more freely as the foliage develops; give them plenty of light and air, and keep near the glass to insure sturdy growth. Lachenalias are also excellent subjects for hanging baskets.



Lachenalias.

	Each	Per doz.
Luteola. Pale yellow flowers, flushed with green.....	\$0 25	\$2 50
Nelsoni. Golden yellow flowers in long racemes; very handsome.....	40	4 00
Pendula. Very handsome, large and showy species, with broad foliage and rich red flowers, tipped with black.....	30	3 00
Quadricolor. Bright green, red and yellow flowers; very pretty.....	25	2 50
Tricolor. Foliage heavily spotted brown; flowers yellow, tipped with green and red; very pretty for massing.....	25	2 50

MONTBRETIAS.

Ready in November.

Hardy, summer-flowering, bulbous plants that are becoming more popular every year. Their brightly colored flowers are borne on long, graceful spikes in the greatest profusion, and they are most valuable for cutting and general decorative purposes. They should be planted in groups and left undisturbed. Ordinary garden soil and a sunny position suit them. The following are the handsomest and most distinct varieties:

	Each	Per doz.	100
Bouquet Parfait. Large, bright vermillion flowers, with deep yellow center....	\$0 08	\$0 75	\$4 00
Crocsmiæflora. Large; bright orange, tinged scarlet.....	05	35	2 00

Drap d'Or. Rich yellow; very large, handsome flowers.....	08	75	4 00
Eldorado. Large, golden yellow flowers; very floriferous; dwarf habit.....	08	75	4 00
Elegans. Bright yellow, outside streaked with vermillion; extra fine.....	05	40	2 50
Etoile de Feu. Bright vermillion, with deep yellow center; large flowers.....	\$0 08	\$0 75	\$4 00
Pottsi. Orange and scarlet; very free-flowing.....	05	35	2 00
Rosea. Distinct new variety from South Africa. Salmon-rose color.....	08	75	4 00

ORNITHOGALUM.

Ready in September.

	Each	Per doz.	100
Arabicum. White, with black center; valuable for forcing.....	\$0 05	\$0 40	\$2 50
Pyramidale. Showy spikes of white flowers.....	35	3 50	
Umbellatum (Star of Bethlehem). Outside green and white striped, inside satiny white; flowers in umbels; very showy....	20	1 00	



Montbretias.

NERINE.

Ready in October and November.

Very beautiful greenhouse bulbous plants, succeeding best in pots, in light soil—say a compost of loam, leaf-mould and sand. Frequent repotting is not advisable, but an annual top-dressing of new soil before the flowering season is recommended. During the growing season they succeed best in a frame with some bottom heat. After the leaves die they should be kept quite dry in a cool place until they begin to grow again.



Nerine Japonica.

	Each	Per doz.
Crispa. Very handsome scarlet flowers	\$1 00	
Flexuosa. Bright crimson-scarlet, tinged with orange	1 00	
Fothergillii. Bright, glittering scarlet, in a many-flowered umbel.....	1 00	
Fothergillii major. A magnificent plant for house or conservatory. The flowers are of the intensest shining scarlet, and by artificial light the crystalline cells of the petals sparkle like jewels. It flowers very freely ..	1 50	
Japonica (Japan Spider Lily). Purplish red; very beautiful	15	1 25
Sarniensis (True Guernsey Lily). Flowers brilliant crimson, in large clusters. The best known sort	20	2 00
Undulata. Rosy purple, wavy flowers; very handsome...	75	

OXALIS.

Ready in September.

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging baskets. They are easily grown in sandy soil, 7 or 8 bulbs in a 4 or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

	Each	Per doz.	100
Arborea alba. White.....	\$0 05	\$0 45	\$3 00
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated, and, being a strong grower, only one or two bulbs should be planted in a 5 or 6-inch pot	05	40	2 50
Bowiei. Crimson.....	05	40	2 50
Flava. Golden yellow	08	75	4 00
Hirta rosea. Rose.....	05	45	3 00
Lutea. Yellow	05	30	1 50
Lutea, Double. Yellow.....	08	75	4 00
Purpurea alba.	08	60	3 50
Purpurea rosea.	08	60	3 50
Rubella. Purple	05	35	2 00
Tetraphylla. Purple	05	40	2 25
Variabilis rubra	08	75	4 50
Venusta. Violet and yellow..	05	45	3 00
Versicolor. Crimson and white.	05	30	1 50
Mixed	2 for 5 cts...	20	1 00



Buttercup Oxalis.

PAEONIES.

Ready in October.

The old-fashioned double Pæonies are too well known to require description. Their popularity is due to their great merits—their easy culture, the handsome appearance of the plants, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Pæonies rank about first for lawn, or flower-border, or shrubbery decoration. They are all hardy. See next page for varieties,

PAEONIES, continued.

	Each	Per doz.
Pæony Chinensis, Double White	\$0 30	\$3 00
“ “ “ Crimson	20	2 00
“ “ “ Pink	20	2 00
“ “ “ Mixed	20	1 75
“ Arborea (Tree Pæony). Very handsome.....	1 50	
“ tenuifolia, Single . Bright crimson.....	25	2 50
“ “ Double . Bright crimson.....	30	3 00

PRIMULA SIEBOLDII.

(HARDY JAPANESE
PRIMROSES.)

Ready in November.

These beautiful new varieties are highly recommended for forcing.

	Each	Per doz.
Atlas . Brilliant carmine, with white center.....	\$0 20	\$2 00
Clarkiaeflora . Very free-flowering; lovely magenta color.....	20	2 00
La Lique . Rosy violet, with white center.....	20	2 00
Madame Emile Gallée . Soft white, with outside lilac.....	20	2 00
Mine d'Argent . Large, milky white flowers.....	20	2 00
Victor . Beautiful clear pink.....	20	2 00

RANUNCULUS.

Ready in September.

The main soil for these should be loam or clay, with a good dressing of rotten manure and leaf-mould; if heavy, add a little sand. The soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from 4 to 6 inches apart and 3 inches deep, covering with fine, pulverized soil.

If ordered by mail, add 3 cents per dozen for postage.

PERSIAN VARIETIES.

	Each	Per doz.	100
Belladonna . Violet-spotted.....	\$0 05	\$0 35	\$2 00
Commodore Napier . Yellow and brown border.....	05	35	2 00
California Gold . Yellow.....	10	75	4 00
Favorite des Dames . Striped.....	05	40	2 50
Kiskoy . Purple.....	05	40	2 50
Mont Blanc . White.....	10	75	4 00
Queen of the Netherlands . Violet-black..	10	75	4 00
Saturnus . Crimson.....	05	30	1 50
Fireball . Brilliant scarlet.....	05	35	2 00
Persian Named , in 25 varieties.....	10	75	4 00
“ Mixed , all sorts.....2 for 5 cts...		20	1 00
French Named , in 25 varieties.....	10	75	4 00
“ Mixed , all sorts.....2 for 5 cts...		20	1 00

TURBAN VARIETIES.

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

	Each	Per doz.	100
Black or Brown	\$0 05	\$0 30	\$1 50
Grandiflora . Crimson.....	05	30	1 50
Romano . Scarlet.....	05	30	1 50
Hercules . Pure white.....	08	60	3 50
Merveilleuse . Orange yellow.....	05	30	1 50
Seraphique . Citron.....	05	30	1 50
Souci d'Or . Brownish orange.....	05	30	1 50
Striped	05	30	1 50
Viridiflora . Scarlet, green center.....	\$0 05	\$0 30	\$1 50
Mixed Turban2 for 5 cts...		20	1 00



Ranunculus.

RICHARDIAS, or CALLAS.

Ready in September and October.

Tall-growing, bulbous perennials of exceedingly graceful habit and very handsome foliage and flowers. They are easily cultivated in pots, requiring only a rich soil and plenty of water. A compost of one part good loam and one part cow manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting in September.

	Each	Per doz.	100
White Calla, or Lily-of-the-Nile (<i>Calla Æthiopica</i>). Large, white, trumpet-shaped flowers of great substance. One of the most popular and ornamental of house and greenhouse plants...\$0 20 \$2 00 \$15 00			
"Little Gem" Calla. Very neat, dwarf habit; makes an excellent pot plant..... 08 60 4 00			
Spotted Calla (<i>C. Æthiopica alba maculata</i>). An extremely ornamental pot-plant, with pure white flowers and handsome, deep green leaves, spotted with white..... 15 1 50 6 00			
Yellow Calla (<i>Richardia hastata</i>). This rare variety has broad, green leaves with black center, and beautiful, light yellow flowers. In habit it resembles the White Calla..... 35 3 50			
Golden Calla (<i>Richardia aurata</i>). A very rare and most beautiful variety with lemon-yellow flowers..... 45 4 50			
"Lemon Giant" Calla. A new, gigantic hybrid Calla, with rich lemon-yellow flowers and white-spotted leaves, often 12 to 15 inches long and 12 inches across. An extra-strong grower, and of easy cultivation..... 80 8 00			
Black Calla. See <i>Arum sanctum</i> , page 18.			



White Calla.

SCILLAS.

Ready in September.

No garden can be complete without these beautiful flowers. *S. Peruviana* requires slight protection; all the others are quite hardy, and may remain in the ground several years.

If ordered by mail add 5 cents per dozen for postage, except those marked with a star (*), which are 2 cents each.

Sibirica. The effect in early spring of this intensely rich blue, early-flowering Scilla, contrasting with the snow-white of the Snowdrop and the varied hues of the Crocus, can hardly be over-estimated; are most valuable for permanent edging. 2 for 5 cts., 20 cts. per doz., \$1 per 100.



Scilla Sibirica.

	Each	Per doz.	100
Bifolia. Blue; hardy.....\$0 05 \$0 30 \$1 50			
Campanulata (Wood Hyacinth). Blue 05 30 1 50			
" alba. White..... 05 30 1 50			
" rosea. Rose..... 05 35 2 00			
Nutans cœrulea (Nodding Squills). Blue..... 05 35 2 00			
" alba. White..... 05 35 2 00			
" rosea. Rose..... 05 40 2 50			
* Peruviana alba (White Cuban Lily).. 25 2 50			
" lutea (Yellow Cuban Lily). 40 4 00			
" cœrulea (Blue Cuban Lily). 15 1 50			

SNOWDROPS. (GALANTHUS NIVALIS.)

Ready in September.

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest-flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in the spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms.

If ordered by mail, add 3 cents per dozen, or 25 cents per 100, for postage.

	Per doz.	100	1,000
Single-flowering Snowdrops\$0 15 \$1 00 \$7 50			
Double-flowering Snowdrops 25 1 75 13 00			
Giant Snowdrop of Asia Minor (<i>Galanthus Elwesii</i>) 15 1 00 8 00			

SPIRAEA or ASTILBE.

Ready in November.

Tall, graceful, branching, herbaceous perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for winter decorative purposes, for which they are eminently adapted, either as cut-flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

Japonica (Hoteia). Excellent pot-plant for winter blooming. Large, branching panicles of pure white, feathery flowers; fine for cutting. Clumps for forcing or outdoor planting. 10 cts. each, \$1 per doz., \$6 per 100.

Japonica fol. aurea reticulata. Beautiful gold-striped foliage; large panicles of pure white flowers. 15 cts. each, \$1.50 per doz., \$10 per 100.

Japonica compacta multiflora. The neat, compact habit and profusion of large, handsome, pure white flowers make it a most elegant pot-plant. 15 cts. each, \$1.25 per doz., \$7 per 100.

Aruncus. Pure white; grows 4 feet high. 20 cts. each, \$2 per doz., \$14 per 100.

Astilboides floribunda. Very large, pure white plumes; neat habit; very abundant bloomer. 15 cts. each, \$1.25 per doz., \$7 per 100.

Palmata. Crimson; strong clumps. 15 cts. each, \$1.50 per doz., \$10 per 100.

Lemoinei, "Snow Plume." A new variety, with fresh, dark-green foliage and large, graceful, snow-white plumes; a grand forcer. 30 cts. each, \$3 per doz., \$22 per 100.

*Spiraea Astilboides floribunda.*

TUBEROSES.

Ready in December.

	Each	Per doz.	100
Dwarf Double Pearl	\$0 05	\$0 35	\$1 50
"Albino." Early; single white.....	05	40	2 00
Variegated-leaved Single	05	40	2 00

TRILLIUMS.

(AMERICAN WOOD LILY, or INDIAN SHAMROCK.)

Hardy, herbaceous perennials, succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are natives of North America, and are known by various common names in different localities. They have violently emetic roots.

	Each	Per doz.	100
Grandiflorum ("Giant American Wood Lily," or "Wake Robin"). Large white flowers, changing to rose; quite hardy, and easily grown in shaded positions..	\$0 05	\$0 40	\$2 50
Erectum ("Birth Root"). Dark purple flowers; erect habit; about one foot high.....	05	50	3 00
Erectum album . A white-flowered variety of the above.....	08	60	4 00
Erythrocarpum (Painted Wood Lily). White, striped purple.....	10	1 00	7 00
Ovatum . White, changing to purple....	10	75	5 00
Sessile Californicum . Handsome, pure white flowers; prettily mottled foliage.....	10	1 00	6 00

*Trillium sessile Californicum.*

*Tigridia.**Tricyrtis hirta.*

Miscellaneous Bulbs and Roots.

Each Per doz. 100

Aconite. See *Eranthis*, page 33.

Allium. See page 11.

Alstroemeria, Mixed Colors. Tall, handsome plants, with beautiful flowers; excellent for pots or for frames; bright-colored.....\$0 10 \$1 00

Amorphophallus Rivieri. A species of Arum, with ornamental leaves.....20 2 00

Anomatheca cruenta. Rich crimson flowers; neat, dwarf habit; excellent for window, garden or pot culture; half-hardy.....05 25 \$1 00

Anthericum. Very ornamental border plants, and also excellent for pot culture. They do best in light, rich soil, and require plenty of water while growing.

“ **Liliago** (St. Bernard's Lily). Pure white flowers; 1½ feet high.....12 1 25 8 00

“ **Lilium** major (St. Bruno's Lily). Much larger flowers than the above; flowers white, with petals delicately tipped green; 2 feet high.....10 1 00

“ **ramosum**. Of branching habit; white flowers; 2 feet high.....10 1 00

Antholyza, Mixed. Like *Gladioli*; take up in fall.....10 1 00 6 00

Apios tuberosa. Hardy climbers; flowers deep purple, very fragrant.....08 60 4 00

Asphodelus ramosus. Hardy perennial; large, white flowers; very pretty.....35 3 50

Babiana. Mixed colors; charming for pots.....08 65 4 00

Bessera elegans (Coral Drops). Bright coral-scarlet, with white cups.....05 50 3 50

Bloomeria aurea. Very pretty; light yellow; easily grown.....05 50 3 50

Bravoa geminiflora. Orange and scarlet; twin-flowered.....25 2 50

Bulbocodium vernum. A very pretty little bulbous plant, with rosy purple, crocus-like flowers; it is one of the earliest-flowering of spring plants, blooming even before the crocus.....05 45 3 00

Caladium esculentum (Elephant's Ear). Large size bulbs.....25 2 50

Callas. See *Richardia*, page 30.

Camassia **Cusickii**. Superb new variety, with very large leaves and lovely, pale sky-blue flowers, produced in racemes 2 to 3 feet long.....25 2 50

“ **esculenta**. Pretty violet-blue flowers; fine for cutting.....05 30 1 50

Chionodoxa gigantea. Very large, lilac-blue flowers, with large white eye.....05 35 2 00

“ **Lucilliae** ("Glory of the Snow"). Porcelain-blue, white eye.....05 25 1 25

“ **Sardensis**. Lovely deep blue flowers, produced in great numbers.....05 30 1 50

Chlorogalum pomeridianum (Soap Root). Tall, many-branched stem, bearing a great many little, white, star-shaped flowers. The bulb is large, and was used by the Indians for soap.....15 1 50

Clematis coccinea. A herbaceous, hardy perennial climber; flowers rich scarlet.....20 1 75 12 00

Colchicum autumnale (Meadow Saffron).....08 75 5 00

“ **Agrippinae**. From Asia Minor.....05 40 2 50

“ **Mixed**. Many bright colors.....08 60 4 00

Cooperia Drummondii (Evening Star). White; take up in fall.....05 45 3 00

“ **pedunculata**. Beautiful white fragrant flowers.....05 45 3 00

“ **Oberwetteri**. New; bright green.....05 45 3 00

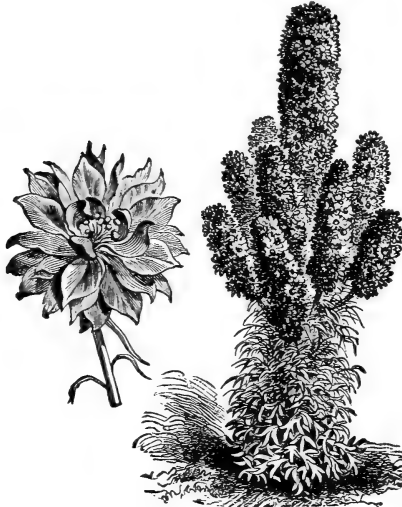
MISCELLANEOUS BULBS AND ROOTS—continued.

	Each	Per doz.	100
Crocsmia aurea (Tritonia). Half-hardy; orange flower.....	\$0 05	\$0 45	\$3 00
Cyclobothra flava (Yellow Shell-flower). Golden yellow cup, with fine black dots; pretty.....	05	40	2 50
Cypella Herberti . Bright orange-yellow; half hardy.....	30	3 00	
Dicentra spectabilis (Dielytra, Bleeding Heart). Hardy; also for forcing.....	20	2 00	12 00
Dodecatheon Clevelandi alba . Lovely white flowered California variety.....	10	1 00	7 00
Eranthis hyemalis (Winter Aconite). Yellow.....	05	25	1 00
Galanthus Elwesii (Asia Minor Giant Snowdrops).....per 1,000, \$8..	05	15	1 00
Hæmanthus albillos . White; fine for pots.....	1 25		
“ coccineus . Scarlet; for pots.....	1 50		
“ punicus . Orange-red; for pots.....	1 50		
“ tigrinus . Crimson; for pots.....	2 00		
Helleborus niger major (Christmas Rose). Perfectly hardy, but most valuable for forcing for cut blooms.....	30	3 00	
Hemerocallis (Day Lily), in six varieties.....	15	1 50	
Hyacinthus candicans . A snow-white summer-flowering giant Hyacinth.....	05	40	2 25
Imatophyllum miniatum . Rich cluster of orange-crimson flowers; for pots.....	1 50		
Ismene calathinum . White; sweet-scented; hardy.....	20	2 00	
“ Macleana . White, marked green; 2 feet high; half-hardy.....	20	2 00	
“ undulata . Fragrant white flowers, with beautifully fringed petals.....	20	2 00	
Leucojum æstivum . Summer-flowering white Snowflake.....	05	45	3 00
“ vernum . Spring-flowering dwarf Snowflake.....	05	30	2 00
Milla biflora . Pure waxy white flowers, over 2 inches in diameter.....	05	40	2 50
Mulla maritima . Greenish white; early flowering.....	08	75	5 00
Pancratium Calathinum (Basket-flower). Very fragrant white flowers.....	20	2 00	
“ Illyricum . Half-hardy; large, fragrant white flowers.....	50	5 00	
“ maritimum (Sea Daffodil). Delightfully fragrant; white.....	15	1 50	9 00
Papaver orientale , Royal Scarlet . Enormous flowers of the finest scarlet.....	25	2 50	
Pentlandia miniata . Beautiful crimson flowers; for greenhouse.....	40	4 00	
Phædranassa chloracea . From Texas.....	20	2 00	
PHLOX decussata (Perennial Phloxes).			
“ “ Eclairer . Fine carmine; center, rosy salmon.....	20	2 00	
“ “ Jean Lamour . Lilac, large white center.....	20	2 00	
“ “ Laurence . Pure white, extra large.....	20	2 00	
“ “ Iris . Bluish violet, large blue center.....	20	2 00	
“ “ Lucie Baltet . Soft rose, carmine center.....	20	2 00	
“ “ Souvenir . Pink-white, purple-carmine center.....	20	2 00	
“ “ Fine mixed	15	1 25	9 00
PYRETHRUM, Double			
“ “ Aphrodite . Pure white.....	20	2 00	
“ “ Dr. Livingstone . Satin rose.....	20	2 00	
“ “ Gloire de Stalle . Carmine.....	20	2 00	
“ “ King Oscar . Crimson scarlet.....	20	2 00	
“ “ Meteor . Crimson scarlet, white tips.....	20	2 00	
“ “ Toison d'Or . Pale yellow.....	20	2 00	
Schizostylis coccinea . Scarlet gladiolus-like flowers in spikes.....	05	40	2 50
Scotomon's Seal (Polygonatum multiflorum).....	15	1 50	10 00
Sparaxis . Finest mixed.....	05	20	1 00
TIGRIDIA grandiflora alba . White Tiger Flower.....	10	75	4 00
“ pavonia . Red Tiger Flower.....	08	60	3 50
“ conchiflora . Yellow Tiger Flower.....	08	60	4 00
“ canariensis . Yellow.....	08	60	4 00
“ lilacea . A beautiful new variety; carmine, variegated white.....	08	60	4 00
Tricyrtis hirta . Beautiful; fall-flowering; hardy; from Japan.....	15	1 50	8 00
Triteleia uniflora . Pure white, shaded with blue; hardy.....	05	20	80
Tritoma uvaria grandiflora (Red-Hot-Poker Plant). Half-hardy.....	12	1 25	8 00
“ MacOwani . New dwarf variety; bright orange-red.....	12	1 25	8 00
“ corallina	30	3 00	
“ nobilis (Torch Lily). Large coral-red flowers.....	30	3 00	
Tritonia crocata . Mixed.....	05	50	3 00
Tropæolum tricolorum Jarrattii . Fine greenhouse climber; for pots.....	15	1 50	
“ polyphyllum (Yellow Rock Indian Cress). Bright yellow.....	15	1 50	
“ pentaphyllum	45	4 50	
“ speciosum (Flame-flowered Nasturtium). Brilliant scarlet.....	20	2 00	
Vallota purpurea (Scarboro Lily). Beautiful scarlet flowers.....	35	3 50	
Watsonia . Fine mixed sorts; take up in fall.....	10	1 00	
Zephyranthes rosea . Rose.....	05	50	3 00
“ candida . Pure white; free flowering.....	05	40	2 50
Zygadenus Fremonti . Fragrant yellow flowers; hardy, and easily grown.....	08	75	5 50

Hardy Flower Seeds.

For Autumn Sowing.

Many varieties of Flower Seeds, ANNUALS as well as BIENNIALS and PERENNIALS, may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerous than if sown in the spring.



Double Delphinium hybridum.

	Per pkt.	Per oz.
Acanthus mollis. White flowers.....	\$0 05	
“ spinosus. Purple flowers.....	05	
Aconitum Napellus (Monkshood).....	05	
Adonis vernalis. Yellow.....	05	
Agrostemma coronaria (Rose Champion)....	05	\$0 30
“ Dark blood-red.....	05	40
“ coronaria. Mixed.....	05	40
“ Flos Jovis. Rose.....	05	30
Alyssum saxatile compactum	05	60
Anemone coronaria Caen. Fine mixed.....	05	50
“ occidentalis. White.....	10	
Aquilegia truncata. Scarlet and yellow.....	10	
“ flabellata nana alba.....	10	
“ vulgaris, Double Mixed Columbine.....	05	40
“ “ Single Mixed Columbine.....	05	40
“ cœrulea. Blue.....	25	
“ chrysantha. Yellow.....	10	
“ Mixed Species and Hybrids.....	25	
“ Hybrids of Canadensis and Blue sorts.....	25	
Asperula odorata (Waldmeister).....	10	60
Aubrietia Græca. Purple trailer.....	10	
“ deltoidea.....	25	
Baptisia australis. Light blue.....	05	40
“ leucantha.....	25	
Campanula carpatica. Blue.....	05	50
“ “ alba. White.....	05	60
“ Medium. Single Mixed.....	05	50
“ rotundifolia (Scotch Blue Bell).....	25	
Candytuft, Iberis sempervirens. White....	1 00	
“ “ Gibraltarica. Beautiful pink.....	10	
Centaurea macrocephala. Yellow.....	10	
“ odorata Chameleon. Variegated.....	10	
“ Margaritæ. White.....	10	

	Per pkt.	Per oz.
Chrysanthemum Indicum grandiflorum.		
Large-flowered perennial sort.....	\$0 10	
“ Japonicum. Large-flowered perennial sort....	10	
“ Japonicum pompon.....	10	
“ Mixed Annual.....	05	\$0 40
Coreopsis lanceolata. Yellow.....	10	
Delphinium hybridum. Double Mixed.....	25	
“ cardinale. Scarlet; splendid.....	25	
“ Brunonianum. Blue.....	25	
“ nudicaule. Scarlet, dwarf.....	10	
“ formosum. Blue.....	10	
Dictamnus Fraxinella. Hardy perennial....	10	
“ “ albus. White-fl'd....	10	
Eupatorium perfoliatum (Boneset).....	10	
“ ageratoides. White.....	10	
“ purpureum. Pink.....	10	
Forget-me-not, Blue	10	
“ Mixed.....	10	
Foxglove, White	05	
“ Yellow, Large-flowered.....	05	
“ Rose.....	05	
“ Purple.....	05	
“ Mixed.....	05	40
“ Gloxinia-flowered Mixed.....	05	
Galactia glabella. Handsome twining purple perennial.....	10	
Gaura Lindheimeriana. White.....	05	40
Gypsophila paniculata. White.....	05	40
Hollyhock, Double White	10	1 25
“ “ Crimson.....	10	1 25
“ “ Salmon.....	10	1 25
“ “ Magenta.....	10	1 25
“ “ Lilac.....	10	1 25
“ “ Mixed.....	10	75
Iris Kämpferi. Japan Iris.....	05	
Jacob's Ladder. White.....	05	25
“ Blue.....	05	25
Liatris scariosa. Purple “Blazing Star”...	10	
Linaria Cymbalaria (Kenilworth Ivy).....	05	
Lobelia cardinalis. Brilliant scarlet.....	10	
“ New Hybrids of syphilitica and Canadensis.....	25	
Lupinus Cruikshankii. Dark blue.....	05	30
“ Hartwegii. Blue.....	05	30
“ “ White.....	05	30
“ mutabilis. Variegated.....	05	30
“ tricolor elegans. Variable.....	05	30
“ polyphyllus. Mixed.....	05	30
Lychnis Chalcedonica. Scarlet.....	05	
“ “ alba. White.....	05	
“ “ Mixed.....	05	
“ Haageana hybrida.....	10	
Nierembergia gracilis. Light blue.....	10	
“ frutescens. Lilac.....	10	
Pœonia officinalis. Hardy perennial.....	05	25
Pentstemon spectabilis. Blue and red.....	10	
“ “ Fine Hybrid species mixed....	25	
Phacelia Parryi. Rich, deep blue.....	25	
“ congesta. Purple.....	05	
Phlox hybrida superba. Perennial.....	10	

HARDY FLOWER SEEDS—continued.

	Per pkt.	Per oz.
Platycodon grandiflorum. Blue.....	\$0 10	
“ album. White	10	
Poppy, Papaver orientale	10	
“ “ umbrosum. Crimson	05	
“ “ nudicaule. Yellow Iceland	10	
“ “ “ Poppy	10	
“ “ “ aurantiacum. Orange.....	10	
“ “ “ album. White.....	10	
“ “ “ Mixed Iceland	10	
“ “ “ Poppy	10	
“ “ Danebrog. Scarlet and white	05	\$0 25
“ “ Flag of Truce. Single, white	10	75
“ “ Double Mikado	05	30
“ “ “ Cardinal. Scarlet.....	10	75
“ “ “ American Flag. Scarlet and white. 10	75	

	Per pkt.	Per oz.
Rocket, Sweet (Hesperis). Purple; sweet-scented	\$0 05	\$0 20
Rosa polyantha. Hardy perennial Rose.....	25	
Scabiosa Caucasic. Lilac; splendid.....	10	
Schrankia uncinata. Red.....	10	
Silene orientalis (Catchfly). Dark rose; very fine.....	05	40
“ Douglasii.....	25	
“ Virginica. Purple.....	10	
Snapdragon, Mixed. Finest colors.....	05	50
“ Fine Dwarf Mixed	05	50
“ Tom Thumb Mixed	05	1 00
SWEET PEAS, Thorburn's Special Mixed.		
If planted in the fall, will flower very early in the spring		
	per lb., 75 cts...	05 10

Flower Seeds for Fall and Winter Sowing in Frames and Greenhouses.

	Per pkt.
Abutilon. Mixed	\$0 25
Acacia Farnesiana	05
“ dealbata	10
“ cyanophylla	10
“ decurrens	10
“ lophantha	05
“ molissima floribunda. Fine.....	25
Asparagus verticillatus. Very fine	10
“ Sprengeri	25
Aster. Branching, white	10
“ Truffaut's, red	10
“ “ pink	10
“ Comet, white	10
“ Lilliput, mixed	10
Begonia semperflorens Vernon.....	25
“ “ “ Bijou.” Dwarf.....	25
Calceolaria hybrida. Fine mixed	25
“ “ grandiflora. Self-colored.....	25
“ “ “ Tigered and Spotted.....	25
“ “ “ Tigered and Self, mixed.....	25
Carnation, Dwarf Vienna	10
“ Margaret. Mixed	10
“ Fine Double. Mixed.....	10
Centaurea candidissima	10
“ gymnocarpa	10
Cineraria hybrida. Finest mixed	25
“ “ grandiflora. Prize mixed.....	50
“ “ Finest Double	75
Cobœa scandens. Purple.....	per oz., 75c. 10
Cyclamen giganteum album, “ Mont Blanc.”	
“ “ “	per 100 seeds, \$1.50.. 25
“ “ atropurpureum	per 100 seeds, \$1.50.. 25
“ “ superbum.....	100 seeds, \$1.50.. 25
“ “ roseum.....	100 seeds, \$1.50.. 25
“ “ Choice Mixed	per 100 seeds, \$1.50.. 25
Dahlia, Jules Chretien. Single, dwarf	10
Daisy. Double mixed	25
“ “ “ Longfellow.” Rose	25
“ “ “ Snowball.” White.....	25
Dracæna Draco.	25
“ indivisa lineata.....	per 100 seeds, 20 cts.. 10
Erica. Mixed Cape	25
Grevillea robusta	per oz., 90 cts.. 10

	Per pkt.
Mignonette. Machet.....	per oz., 60 cts.. \$0 10
“ Victoria	75 cts.. 10
“ Allen's Defiance	10
Pansy, Bugnot Superb Blotched.	per ½ oz., \$1.50.. 50
“ Large Yellow, maroon center.....	per oz., 2.50.. 10
“ Faust. Black.....	1.50.. 10
“ Peacock. Blue, edged white.....	5.50.. 25
“ Snow Queen. Pure white.....	1.25.. 10
“ Odier. Blotched.....	5.00.. 25
“ Fire King. Golden	1.50.. 10
“ Trimardeau Giant White.....	4.00.. 25
“ “ “ Yellow.....	4.00.. 25
“ “ “ Mixed.....	2.50.. 25
“ Fine, large French mixed.....	
“ Extra	2.00.. 10
“ Thorburn Superb Large Strain. Mixed.....	5.00.. 25
Phlox Drummondii nana compacta, Snowball.	25
“ “ “ Fireball.....	25
Pink. Double Mixed China.....	per oz., 40 cts.. 05
“ Heddewigii, Crimson Belle	10
“ “ Eastern Queen	10
“ “ Single Mixed.....	per oz., 75 cts.. 05
“ “ laciniatus, Fine Mixed.....	05
Primula Sinensis fimbriata alba. White.....	25
“ “ “ kermesina splendens.....	25
“ “ “ rubra. Red	25
“ “ “ Extra Fine Mixed.....	25
“ “ “ filicifolia alba.....	25
“ “ “ rubra	25
“ “ “ Double Mixed	75
“ Obconica	25
Schizanthus retusus	05
“ “ albus	05
“ “ Mixed.....	per oz., 30 cts.. 05
Smilax (Myrsiphyllum asparagoides) “	75 cts.. 10
Stocks, German Ten Weeks, Snowflake	25
“ Giant Perfection, White.....	25
“ Dwarf Large-flowering, White	10
“ “ “ Rose	10
“ “ “ Bright Red	10
“ “ “ Yellow	10
“ “ “ Light Blue	10
“ “ “ Mixed	10
“ Wallflower-leaved Mixed	10
Zinnia. Curled and crested Mixed	10

STRAWBERRY PLANTS.

Pot-grown plants ready now. Layer plants ready about middle of September.

	Pot-grown, per doz.	100	Layer, per 100
Beder Wood. An excellent market sort; very early and productive; large, conical; bright red color, and of excellent quality.....	\$0 50	\$3 00	\$1 00
Brandywine. Large, roundish conical, glossy crimson, firm and solid; of fine, aromatic flavor. Plant vigorous and productive; succeeds on any soil. Mid-season to late.....	75	3 50	1 00
Bubach No. 5. A very large berry of dark color, shaped somewhat like Sharpless. Exceedingly productive; of fair flavor; largely grown for market. Mid-season.....	75	3 50	1 50
Clyde. Very regular, bright scarlet berries, large and of excellent flavor; firm, and a good shipper. Plant remarkably healthy, vigorous and productive. Season early.....	75	4 00	1 50
Gandy. One of the best late sorts; large, uniform, bright crimson; very firm and of good quality. Needs liberal culture to do its best.....	50	3 00	1 00
Glen Mary. Of large size. Bright, glossy crimson, and fine flavor; plant is strong and healthy, very prolific, and on good soil the berries maintain their large size to the end of the season. Early.....	75	3 50	1 50
Henry. Very large, uniformly round, with no cockcombs; dark crimson; quality excellent. Plant vigorous, hardy and productive; bears through the whole season.....	1 00	4 50	2 00
Marshall. Uniformly large, dark crimson when fully ripe, handsome and good; plant luxuriant, but needs the rich soil and careful culture of the home garden. Mid-season.....	75	3 50	1 50
Mary. Uniformly conical, deep crimson, and of extra high quality. Season is medium to late, and fruit keeps and ships well.....	75	3 50	1 25
Michel's Early (Osceola). A very early variety; it bears abundantly with liberal manuring, and must not be allowed to run too freely.....	50	3 00	1 00
Sharpless. Demands rich, strong soil; plant large and vigorous; berries very large, irregular in shape, crimson, moderately firm and of good quality. Mid-season.....	50	3 00	1 00
Wm. Belt. The berries are as large as Bubach, more perfect in shape, just as productive, and the color is much superior.....	75	4 00	1 50

CHOICE VEGETABLE SEEDS.

For Frames and Open Ground.

If ordered by mail, add 8 cents per pound for postage.

CABBAGE.

	Per oz.	¼lb.	Lb.
Early Sugar-loaf. Extra-early.....	\$0 25	\$0 75	\$2 50
Early Jersey Wakefield. Fine strain.....	25	75	2 50
Charleston Wakefield.	30	85	3 00
Improved Early Summer.	25	75	2 50
Stein Early Flat Dutch.	25	75	2 50
Improved Succession.	25	75	2 50
Market-Gardener Private Stock Flat Dutch. Largest of all.....	30	85	3 00
Thorburn New Stock Drumhead Savoy	25	75	2 50
Thorburn Improved Red Stone-Head.	30	85	3 00

CAULIFLOWER.

	Per oz.	¼lb.	Lb.
Thorburn Gilt Edge. The very best and surest of all...per pkt., 25c....	\$2 25	\$7 50	\$30 00
Extra Early Dwarf Erfurt. For forcing.....per pkt., 50c....	6 00		
Thorburn Early Snowball.per pkt., 25c....	2 25	7 50	30 00

MUSHROOM SPAWN.

Best English. In bricks. Per lb., 15 cts.; 10 lbs. for \$1; per 100 lbs., \$9.

SELECTED LETTUCE.

	Per oz.	¼lb.	Lb.
Thorburn Maximum.	\$0 40	\$1 25	\$4 00
Coldframe White Cabbage.	15	30	1 25
Big Boston. Improved; very large....	20	50	1 50
Thorburn Glass House.	20	60	2 00

LETTUCE—continued. Per oz. ¼lb. Lb.

Hubbard Market.	\$0 15	\$0 30	\$1 00
Thorburn Market-Gardener Private Stock. Very large heads.....	20	60	1 75

ITALIAN AND OTHER ONION SEEDS FOR THE SOUTH.

	Per oz.	¼lb.	Lb.
Early White Barletta.	\$0 20	\$0 50	\$1 75
Red Carganus, or Ruby King.	15	50	1 50
White Bermuda. Teneriffe-grown....	30	85	3 00
Red Bermuda. Teneriffe-grown.....	30	85	3 00
Red Globe Madeira.	20	60	2 00
Red Victoria.	20	60	2 00
Prizetaker. Yellow.....	25	75	2 50
Giant Rocca. Brown.....	15	50	1 50
“ “ Yellow.....	15	50	1 50

RADISH.

	Per oz.	¼lb.	Lb.
French Scarlet Turnip.	\$0 10	\$0 20	\$0 50
“ “ “ for forcing.....	10	25	75
White Tipped Scarlet Turnip.	10	20	50
“ “ “ “ forcing.....	10	25	75
Prussian Globe-shaped.	10	25	75
Non Plus Ultra.	10	25	75
Scarlet Chinese Winter.	10	25	75

SPINACH.

	Per oz.	¼lb.	Lb.
Large Thick-leaved Viroflay.	\$0 10	\$0 15	\$0 35
“ “ “ Long Standing	10	15	35
Bloodsday Savoy	10	15	35
Prickly.	10	15	35

Grass Seeds for Autumn Sowing.

MIXTURES FOR GOLF LINKS.

We have always on hand all the valuable natural grasses of Europe and America, and we are familiar with the habits and merits of each. We shall be glad to prescribe for whatever the requirements of the Links may be, for poor land or rich, high and dry, or low and wet.

Golf Links Mixture. For the grounds in general. Per bushel of 20 lbs., \$2.50.

Putting-Green Mixture. A mixture of extra fine grasses, that will make a close, firm, green and lasting turf, which will improve the more it is tramped on. Per quart, 30 cts.; peck, \$1.50; bushel of 24 lbs., \$5.


N. B.—Our Pamphlet on the Seeding and Preservation of Golf Links will be mailed to parties interested on application.

LAWN GRASS MIXTURES.

CENTRAL PARK MIXTURE. For lawns of any extent, we recommend this, our best mixture, to be sown from three to five bushels to the acre. (15 lbs. to bushel.) Per quart, 25 cts.; $\frac{1}{2}$ peck, 65 cts.; peck, \$1; bushel, \$3.50. (We can also make special good mixtures at lower prices.)

THORBURN'S LAWN-RESTORING GRASS SEED. A mixture of grasses peculiarly suited to take firm hold and grow quickly on hard, worn-out or burned spots. To restore a lawn that is partially worn-out or burned, the best time is very early in spring, as soon as the frost is entirely out of the ground. The bare spots should be well scratched or raked up, and this seed sown liberally. Cover the seed very thinly with earth, and then roll or press down firmly with the back of the spade. Some **Lawn-Restoring Grass Seed** should be kept always on hand, and before each rain during the summer some of it should be sown on any parts that may appear thinner than the rest. Seed may be sown in fall, as late as from September 1 to October 1, according to the weather. Price, per quart-box, 30 cts.; per bushel of 24 lbs., \$5.

GRASS SEEDS.

 These prices are subject to change.

	Per lb.	100 lbs.
Agrostis canina (<i>Rhode Island Bent Grass</i>). True. Valuable grass for lawn; sow three or four bushels to the acre for lawns. (12 lbs. to bus.)	\$0 30	\$25 00
Agrostis stolonifera (<i>Fiorin</i> , or <i>Creeping Bent Grass</i>). Valuable in mixture, as it will thrive in moderately moist land; useful for croquet grounds. Same quantity as the preceding. (15 lbs. to bus.)	30	25 00
Agrostis vulgaris (<i>Red-top Grass</i>). A valuable permanent grass as a mixture in either meadows, pastures or lawns. Same quantity per acre as above. (14 lbs. to bus.)	15	10 00
FANCY HEAVY RED-TOP GRASS. Absolutely clean and free from chaff	25	20 00
Allopecurus pratensis (<i>Meadow Fox-tail Grass</i>). One of the very best grasses for permanent pasture. 25 lbs. to acre	30	25 00
Anthoxanthum odoratum (<i>True Perennial Sweet Vernal Grass</i>). Valuable for a mixture with pasture grasses; continues to throw up root foliage until late in the autumn. From 2 to 5 lbs. to the acre with other sorts	40	38 00
Anthoxanthum odoratum puelli (<i>Annual Sweet Vernal Grass</i>). Much smaller than the perennial. 20 to 25 lbs. to the acre	20	16 00
Avena elatior (<i>Tall Meadow Oat Grass</i>). Valuable for pastures. 50 lbs. to the acre	25	18 00
Avena flavescens (<i>Yellow Oat Grass</i>). Sown with other species is desirable for dry meadows and pastures. About 25 lbs. to the acre	1 00	85 00
Blue Grass, Canada , see <i>Poa compressa</i> ; English , see <i>Festuca pratensis</i> ; Kentucky , see <i>Poa pratensis</i> .		
Bromus inermis (<i>Awnless Brome Grass</i>). A valuable forage plant for light, dry soils. About 35 to 40 lbs. to the acre	25	18 00
Bromus Schraderi (<i>Rescue Grass</i>). Thrives in any soil, but does best in wet or moist lands. 30 lbs. to the acre	30	25 00
Cynosurus cristatus (<i>Crested Dog's-tail Grass</i>). Valuable grass for sheep pastures, on dry, hard soils and hills. 25 lbs. to the acre	40	35 00
Dactylis glomerata (<i>Orchard Grass</i>). Will endure considerable shade; blossoms about the same time as Red Clover, and is one of the very best pasture grasses. 3 bus. to acre. (14 lbs. to bus.)	20	16 00
Dog's-tail. See <i>Cynosurus cristatus</i> .		
Elymus arenaria (<i>Lime</i> , or <i>Beach Grass</i>). For sandy seashores, canal and railroad banks, etc	45	38 00
Festuca duriuscula (<i>Hard Fescue</i>). Of a very fine quality, and thrives well in dry situations. 30 lbs. to the acre	25	20 00
Festuca elatior (<i>Tall Fescue</i>). Best on moist, alluvial and strong clay soils. 40 lbs. to the acre	25	20 00
Festuca fluitans (<i>Floating Fescue</i>). A perennial, with long, creeping roots; often introduced on the margins of ponds and rivers, to afford nourishment for trout and wild ducks	35	30 00
Festuca ovina (<i>Sheep's Fescue</i>). For sheep pasture; occupies land which better grasses refuse. 35 lbs. to the acre	25	20 00
Festuca pratensis (<i>Meadow Fescue</i> , or <i>English Blue Grass</i>). Valuable for permanent grass land.	20	15 00
Festuca tenuifolia (<i>Slender Fescue</i>). Flourishes on dry and sterile soils. 30 lbs. to the acre	25	20 00
Holcus lanatus (<i>Meadow Soft Grass</i>). Inferior to many others, but of easy culture, and accommodates itself to all soils. 4 bus. to the acre. (7 lbs. to the bus.)	25	20 00
Hungarian Grass. See <i>Panicum Germanicum</i> .		

GRASS SEEDS, continued.

		Per lb.	100 lbs.
Lolium Italicum (<i>Italian Rye Grass</i>)	Recommended for use in pasture mixtures. 50 lbs. to acre.	\$0 15	\$8 00
Lolium perenne (<i>English Rye Grass</i>). The staple grass of Great Britain.	60 lbs. to the acre.	12	7 00
Orchard Grass. See <i>Dactylis glomerata</i> .			
Panicum Germanicum (<i>Hungarian Grass</i>). One of the most valuable annual soiling plants.	1½ bus. to the acre.	Price variable	
Pheum pratense (<i>Timothy</i>). A grass so well known needs no description.	½ bushel to the acre. (45 lbs. to the bus.)	Market price.	
Poa compressa (<i>Canada Blue Grass</i>). Thrives well on clay or hard trodden and poor soil.		18	12 00
Poa nemoralis (<i>Wood Meadow Grass</i>). Recommended strongly for pastures.	30 lbs. to the acre.	35	30 00
Poa pratensis (<i>Kentucky Blue Grass</i>). Valuable for the southern states, and also a most valuable grass for the lawn. Three to four bushels to the acre. (14 lbs. to bus.)	Fancy cleaned seed...	15	11 00
Poa trivialis (<i>Rough-stalked Meadow Grass</i>). Favorite pasture grass for moist, rich soils.	20 lbs. to the acre.	30	25 00
Red Top. See <i>Agrostis vulgaris</i> .			
Rescue Grass. See <i>Bromus Schraderi</i> .			
Rye Grass. See <i>Lolium Italicum</i> and <i>Lolium perenne</i> .			
Rhode Island Bent Grass. See <i>Agrostis canina</i> .			
Sweet Vernal Grass. See <i>Anthoxanthum odoratum</i> .			
Timothy. See <i>Phleum pratense</i> .			

GRASS SEED MIXTURES.

FOR MEADOW AND PASTURE.

For every different kind and condition of soil there is a large number of grasses, either indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter sets in, there is no time when one species or another is not at its best. From these considerations the importance of sowing many varieties for pasture and meadow purposes will be apparent.

MEADOW OR PASTURE MIXTURES FOR ONE ACRE.

No. 1. On Good Land, neither Too Dry nor Too Wet.	No. 2. For High and Dry Land.	No. 3. On Wet, Late Land.
3 lbs. Red Top.	3 lbs. Red Top.	5 lbs. Red Top.
1 " Meadow Foxtail.	4 " Tall Meadow Oat Grass.	2½ " Creeping Bent Grass.
½ " Perennial Sweet Vernal.	2 " Meadow Brome Grass.	5 " Orchard Grass.
2 " Tall Meadow Oat Grass	½ " Crested Dog's-tail.	2 " Tall Meadow Oat Grass.
3 " Orchard Grass.	5 " Orchard Grass.	2 " Meadow Fescue.
2 " Hard Fescue.	2 " Hard Fescue.	1 " Tall Fescue.
2 " Sheep's Fescue.	3 " Sheep's Fescue.	1 " Meadow Soft Grass.
4 " Perennial Rye Grass.	1 " Meadow Soft Grass.	5 " Perennial Rye Grass.
16 " Timothy.	12 " Timothy.	10 " Timothy.
1 " Red Clover.	1 " Rough-stalk Meadow Grass.	1 " Red Clover.
½ " Alsike Clover.	1 " Red Clover.	½ " Alsike Clover.
35 lbs. Price per acre, \$4.25.	35 lbs. Price per acre, \$5.00.	35 lbs. Price per acre, \$4.75.

PASTURE MIXTURES OF GRASSES FOR ONE ACRE.

No. 4. On Good Land, neither Too Dry nor Too Wet.	No. 5. On Dry Land.	No. 6. On Wet Land.
2 lbs. Tall Meadow Oat Grass.	3 lbs. Creeping Bent Grass.	3 lbs. Red Top.
2 " Red Top.	3½ " Tall Meadow Oat Grass.	4 " Orchard Grass.
½ " Perennial Sweet Vernal.	1 " Meadow Brome Grass.	1 " Meadow Fescue.
4 " Orchard Grass.	3 " Orchard Grass.	1 " Tall Fescue.
3 " Sheep's Fescue.	1 " Hard Fescue.	1 " Meadow Soft Grass.
1 " Hard Fescue.	4 " Sheep's Fescue.	5 " Perennial Rye Grass.
1 " Meadow Soft Grass.	½ " Perennial Sweet Vernal.	1 " Meadow Foxtail.
5 " Perennial Rye Grass.	6 " Timothy.	8 " Timothy.
1 " Meadow Foxtail.	5 " Perennial Rye Grass.	1 " Rough-stalk Meadow Grass.
7 " Kentucky Blue Grass.	2 " Field Burnet.	8 " Kentucky Blue Grass.
6 " Timothy.	4 " Sainfoin.	1 " Alsike Clover.
½ " Yellow Trefoil.	1 " Red Clover.	1 " White Clover.
1 " Red Clover.	1 " White Clover.	
1 " White Clover.		
35 lbs. Price per acre, \$5.25.	35 lbs. Price per acre, \$5.75.	35 lbs. Price per acre, \$4.75.

CRIMSON or SCARLET CLOVER.

(TRIFOLIUM INCARNATUM.)

An annual, with beautiful, long crimson flowers. Sown late in the summer, it furnishes an early green fodder the following season; largely sown in Virginia and North Carolina for improving poor soil by turning under when still green, thus adding much nitrogen to the ground through its decomposition. 15 to 20 lbs. to the acre. Per lb., 15 cts.; per 100 lbs., \$10.

Insecticides and Remedies for Plant Diseases.

COPPERDINE.

A combined fungicide and insecticide, used simply by adding water in proportion of 1 pound of the paste to 16 gallons of water. As a fungicide it prevents black rot, downy mildew and anthracnose of the grape, pear leaf-blight, apple scab, mildew, apple rot, black spot, strawberry blight. As an insecticide it kills codlin moths, curculio, pear insects, peach and apple borers, currant worms, cabbage worms, potato bugs and caterpillars. 1-lb. box, 25 cts., makes 16 gallons spray. 5-lb. box, \$1, makes 80 gallons spray.

FIR-TREE OIL.

For greenhouse and house plants. It destroys all plant insects without injuring the plant. It is the best insecticide for scale, aphids, red spider, mealy bug, thrip and worms. Dilute in the proportion of 1 pint to 20 gallons of water. Apply with vaporizer or syringe. $\frac{1}{2}$ pt. 40 cts.; pt., 75 cts.; qt., \$1.25; $\frac{1}{2}$ gal., \$2.25; gal., \$4.

FIR-TREE OIL SOAP.

This is the same as the Fir-Tree Oil, but in soap form. It is useful for the same purposes. Mix at rate of 1 ounce to a gallon of water, and apply with bellows or syringe. $\frac{1}{2}$ -lb. tin, 25 cts.; 2-lb. tin, 75 cts.; 5-lb. tin, \$1.75.

DALMATIAN INSECT POWDER.

Effective against almost all kinds of insects. Per $\frac{1}{2}$ -lb. box, 30 cts.; per 1-lb. box, 50 cts.

GISHURST'S COMPOUND.

A certain remedy for greenfly, scale, mealy bug, etc. Excellent for greenhouse use. Full directions for use on each box. Per 1-lb. box, 50 cts.

HAMMOND'S GRAPE DUST.

For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows. 5-lb. package, 35 cts.; 10-lb. package, 60 cts.; 100-lb. keg, \$5.

HELLEBORE, POWDERED.

An excellent protection from currant worms, grape slugs, caterpillars, etc. May be applied dry or mixed in water—1 oz. to 3 gallons. Per 2-lb. box, 35 cts.; per 1-lb. box, 20 cts.; $\frac{1}{2}$ -lb. box, 12 cts.

NIKOTEEN.

A powerful insecticide, specially prepared for use in greenhouses and conservatories. Per pint bottle, \$1.50.

PARIS GREEN.

Mixed at the rate of 1 lb. to 200 gallons of water, it will prove effective against all chewing insects. Per 1-lb. can, 35 cts.; $\frac{1}{2}$ -lb. can, 20 cts.; $\frac{1}{4}$ -lb. can, 15 cts. This article is liable to fluctuate in price.

LITTLE'S ANTIPEST.

A sure destroyer of all insect pests. It is non-poisonous and harmless to vegetation. Mixed with water as follows it is effectual against—greenfly, 1 pt. to 10 gals. of water; mealy bug, 1 pt. to $1\frac{1}{2}$ gals.; red spider, 1 pt. to 2 gals.; ants, wireworms and slugs, 1 pt. to 1 gal. $\frac{1}{2}$ -gal. can, \$1.50; gal. can, \$2.50.

SLUG SHOT (HAMMOND'S).

Excellent for destroying cabbage, turnip and beet fly, potato bugs, currant worms, etc. Prepared ready for use. 5-lb. package, 30 cts.; 10-lb. package, 50 cts.; 100 lbs., \$4.

SULPHUR, POWDERED.

Valuable for protecting against mildew on grapes, roses, etc. Per lb., 10 cts.; 10 lbs., 60 cts.; 100 lbs., \$4.

SULPHO-TOBACCO SOAP.

Dissolve in proportion of 2 ounces to a gallon of water, and apply with a syringe or atomizer. It will destroy rose slugs, aphides, greenfly, bark-lice, etc. Per $\frac{1}{2}$ -lb. box, 25 cts.

TOBACCO DUST.

If dusted on *while the foliage is moist* it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects, and also acts as an excellent fertilizer. Per 1-lb. box 10 cts.; 5-lb. package, 30 cts.; 10-lb. package, 50 cts.; per 100 lbs., \$2.50.

TOBACCO STEMS.

For fumigating plants infested with greenfly. Per bale of about 100 lbs., \$1.50; per bale of about 200 lbs., \$2.75; per bale of about 400 pounds, \$4.50.

"ROSE LEAF" TOBACCO EXTRACT.

A perfectly pure, highly concentrated extract of tobacco, most effective for destroying all insects and scale on plants. Our "Rose Leaf" pamphlet gives full directions for applying. Pint can, 30 cts.; qt. 50 cts.; gal., \$1.25.

WHALE-OIL SOAP.

For washing trees and destroying all insects on the bark. Mixed at the rate of 1 lb. to 4 gallons of water, it will rid cabbage, rose bushes, peach trees, etc., of the aphides that so often infest them. Per 1-lb. box, 18 cts.; 5 lbs., 50 cts.; 10 lbs., 90 cts.; 100-lb. keg, \$7.

BORDEAUX MIXTURE, OR FUNGIROID.

For all fungous diseases, such as mildew and the various rots of the grape. Full directions on label. Dry, 1-lb. box, 20 cts.; 5 lbs. and over at 15 cts. per lb.; 50-lb. keg, \$6; liquid, 1 gallon, \$1.25.

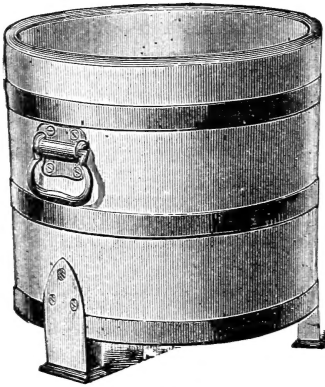
"Jadoo" Fibre and "Jadoo" Liquid.

JADOO FIBRE is a new growing substance for plants of all kinds. It was invented by Col. Thompson, of the Royal Army and Fellow of the Royal Horticultural Society of England, and it is highly recommended by gardening authorities there. It suits all kinds of plants, is only half as heavy as earth, and cleaner to handle; requires no soil to mix with it, and no manure. It increases the size and the brilliancy of flowers. Seeds germinate, and cuttings root in it, quicker than in earth. Owing to its spongy nature, it retains water much longer than earth. Plants transplanted in Jadoo Fibre do not flag, even if in full bloom.

JADOO LIQUID revives drooping plants, increases the size and profusion of bloom. It is both meat and drink to plants of all kinds. It can be used on plants that are grown in earth or in Jadoo Fibre.

Price of the Jadoo Fibre. 5-lb. box, 30 cts.; 10-lb. box, 50 cts.; 25-lb. box, \$1.10; per bag of 120 to 130 lbs., \$3.75; per ton, \$50.

Price of the Jadoo Liquid. Pint bottle, 25 cts.; 2-gallon can, \$1.50; 5-gallon can, \$3.75; 10-gallon can, \$7.50.

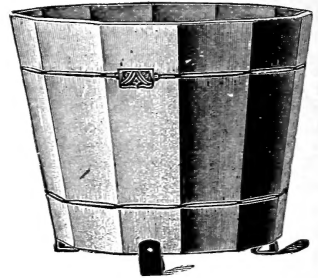


Palm Tub.

PALM TUBS.

Made of white cedar, painted green, and bound with extra iron hoops. Drop handles of special pattern, serving as hooks for carry-poles. Strong iron legs and perforated removable bottom.

No.	Diameter	Length of stave	Each
0	27 in.	24 in.	\$6 50
1	25 in.	22 in.	5 50
2	23 in.	20 in.	4 75
3	21 in.	18 in.	4 00
4	18 in.	16 in.	3 50
5	16 in.	14 in.	3 00
6	14 in.	12 in.	2 50
7	13 in.	11 in.	2 25
8	12 in.	10 in.	1 85



Columbia Tub.

COLUMBIA FLOWER TUBS.

Made of the best cypress timber. Natural varnish finish on the wood:

	Each		Each
12-in. diam. by 11-in. high.....	\$1 00	21-in. diam. by 18½-in. high.....	\$2 50
15 " " 14 " ".....	1 50	24 " " 20½ " ".....	3 00
18 " " 16½ " ".....	2 00		

HYACINTH GLASSES.

	Each	Per doz.
Tall Shape—Green, Blue and Purple.....	\$0 20	\$1 75
Tye's Style—Green, Blue and Purple.....	20	2 00

FERTILIZERS.

CLAY'S CELEBRATED FERTILIZER. The best for greenhouse use. Prices in bags:

1 Cwt. (112 lbs.).....	\$7 00	¼ Cwt. (28 lbs.).....	\$2 25
½ " (56 lbs).....	4 00	½ " (14 lbs.).....	1 25

PULVERIZED SHEEP MANURE. Highly recommended for lawns. 5-lb. package, 30 cts.; 10 lbs., 50 cts.; 50 lbs., \$1.50; 100 lbs., \$2.00; ton, \$32.

PURE GROUND BONE MEAL. 5 lbs., 25 cts.; 50 lbs., \$1.25; 100 lbs., \$2; per ton, \$32.

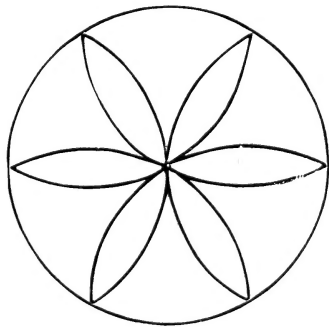
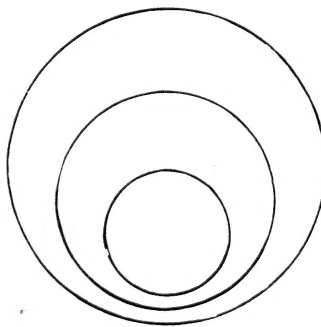
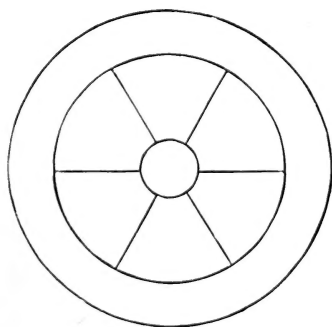
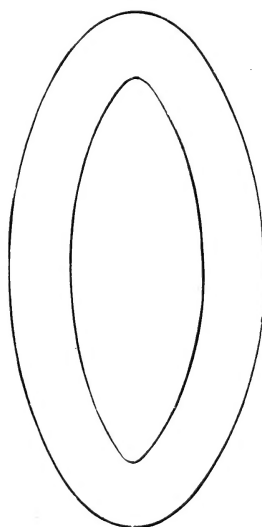
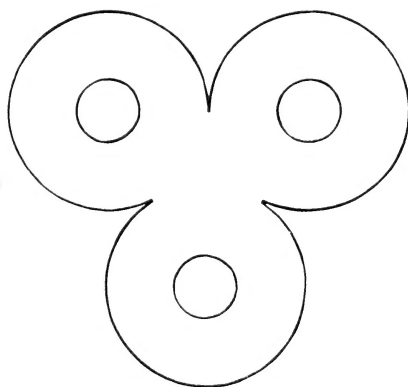
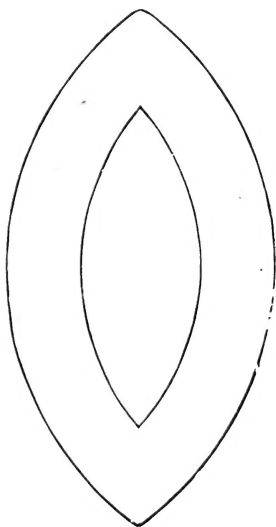
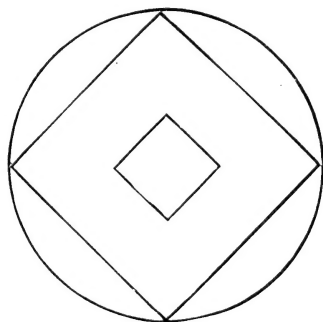
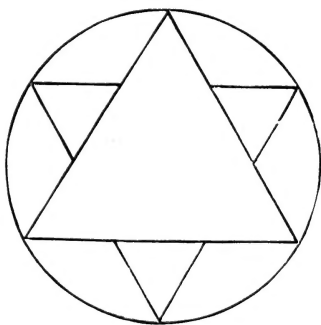
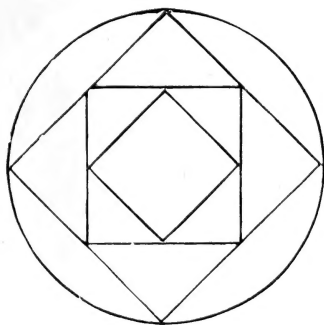
GROUND BONE NO. 3. This is coarser than the above. Per 100-lb. bag, \$2.50; per ton, \$38.

CRUSHED OR COARSE BONE. Being much coarser, this takes effect more slowly, but is correspondingly more permanent. Per 100-lb. bag, \$2.75; per ton, \$43.

BOWKER'S FOOD FOR FLOWERS. A dressing made expressly for plants grown in the house. Small packages, 15 cts. each; large packages, 25 cts.

INDEX.

	PAGE		PAGE		PAGE
Allium.....	11	Fertilizers.....	40	Mariposa Lily, or Butterfly Tulip.....	21
Amaryllis.....	18	Fleur-de-lis.....	25	Miscellaneous Bulbs and Roots.....	32, 33
American Wood Lily, or Indian Shamrock.....	31	Freesia.....	23	Montbretias.....	27
Anemone, or Windflower.....	19	Fritillaria.....	22	Narcissus.....	12-14
Arums.....	18	Galanthus.....	30	Nerine.....	28
Begonias, Tuberous-rooted.....	19	Gladiolus.....	23, 24	Ornithogalum.....	27
Brodiaeas.....	20	Gloxinias.....	24	Oxalis.....	28
Callas.....	30	Grape Hyacinths.....	24	Pæonies.....	28, 29
Calochortus.....	21	Grass Seeds for Autumn Sowing.....	37, 38	Palm and Flower Tubs.....	40
Choice Bulbs, Special Collections of.....	2d page cover	Hardy Flower Seeds.....	34-35	Primroses.....	29
Choice Vegetable Seeds.....	36	Hyacinth Glasses.....	40	Primula.....	29
Convallaria.....	17	Hyacinths.....	2-5	Ranunculus.....	29
Crocus.....	20	Insecticides and Remedies for Plant Diseases.....	39	Richardias.....	30
Crown Imperials.....	22	Iris.....	25, 26	Scillas.....	30
Cyclamen.....	21	Ixias.....	26	Snowdrops.....	30
Delphiniums.....	22	"Jadoo" Fibre and "Jadoo" Liquid.....	39	Spiræa, or Astilbe.....	31
Designs for Tulip or Hyacinth Beds.....	3d page cover	Lachenalias.....	27	Strawberry Plants.....	36
Dog's-tooth Violets.....	26	Larkspurs.....	22	Trilliums.....	31
Erythroniums.....	26	Lilies.....	15-17	Tulips.....	6-11
		Lily-of-the-Valley.....	17	Tuberoses.....	31



Designs Suitable for TULIP or HYACINTH BEDS.

J. M. THORBURN & CO.

Established 1802

ANNUAL
DESCRIPTIVE
CATALOGUE



OF
BULBS
AND OTHER
FLOWERING
ROOTS
FOR
FALL PLANTING